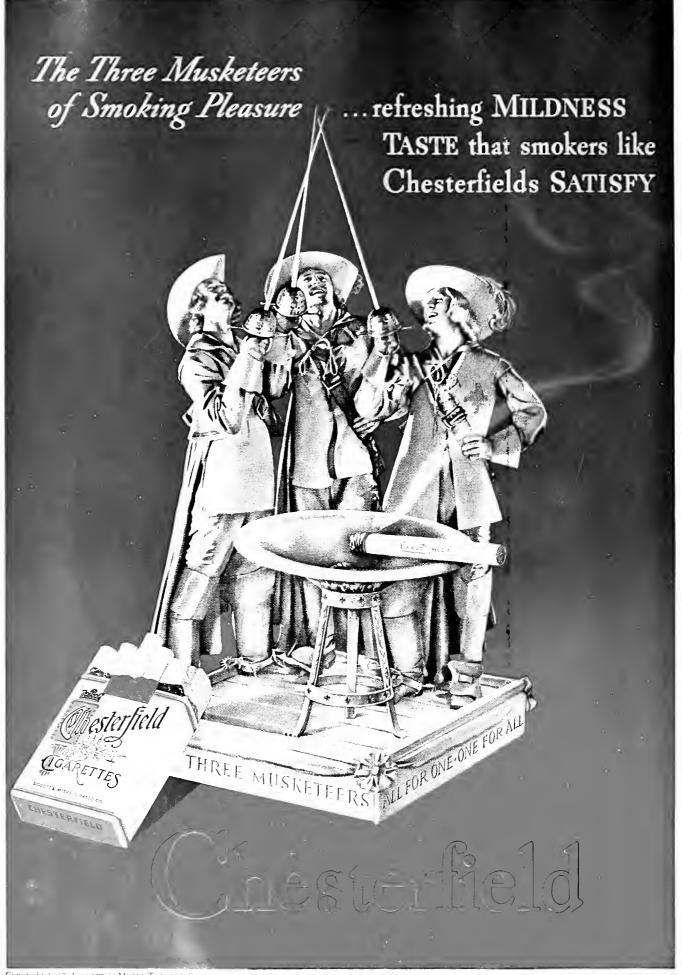
THE LEHIGH Lumni Bulletin

-THIS MONTHehigh Chapter Closes Death Over Shanghai BY DR. EDWIN R. THEIS OCTOBER, 1937



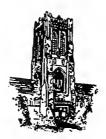
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Cover: "University Drive" by McCaa

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COMMITTEE Floyd W. Parsons, '02, Chairman Robbins Publications, Inc.

Kyle S. Crichton, '17, Collier's Albert W. Hicks, Jr., '23, Cosmopolitan

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M. A. DeWolfe Howe, '86, Atlantic Monthly, retired Geo. F. Nordenholt, '14, Product Engineering

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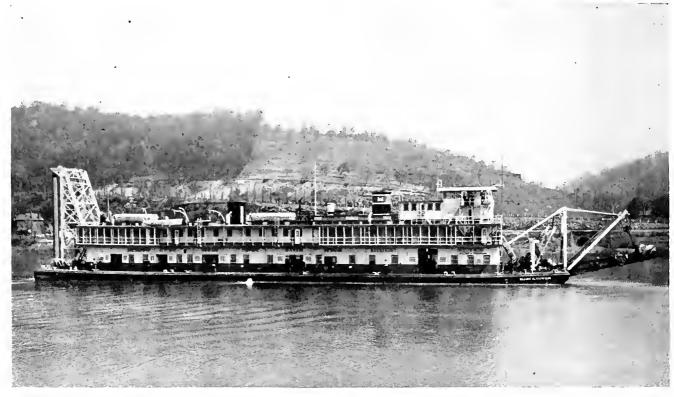
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Plans

are so often Utopian dreams that many men are in-

clined to question their ultimate fulfillment.

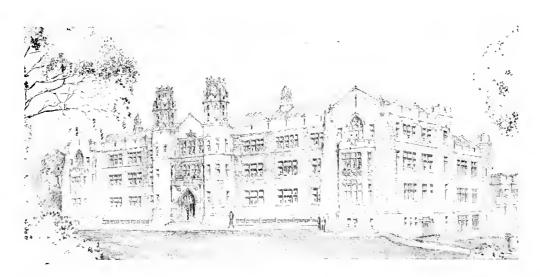
At Lehigh, however, such has not been the case. Only a few short years ago the plans for the Packard Laboratory were revealed.

They were followed shortly by the ground-work and then the completed structure—one of the most adequate in the United States.

Again plans are being shown. This time for an addition to the chemistry laboratory.

The project is already under construction, the cornerstone will be unveiled on Homecoming Day and students will attend classes there by next semester.

Such is the loyalty of Lehigh alumni that the hopes of Alma Mater, carefully conceived, become the actualities of tomorrow.



Lehigh's Best Advertisement Is Her Alumni

A Lehigh Chapte

N the night of July 26, at his summer home at Beach Haven, N. J., Dr. Henry Sturgis Drinker, president-emeritus and "grand old man" of Lehigh, passed away.

And with the death of Dr. Drinker there quietly was closed a vital chapter in the history of the University to which he had given so much of his life...an era forever associated with his personality.

When Henry Drinker came to Lehigh as a member of the class of '71, Lehigh, which had been founded two years previously, consisted of Christmas hall, reared against the forest background of South Mountain. When he died, at 86, he knew the modern campus of today and could credit his administration with 12 improvements in the physicial plant alone.

But let us go back 86 years to Hong Kong, China, where in 1850 Henry Drinker was born. It was only 8 years since the Sino-British war; Hien-feng had just acceded to the throne and would see further incursion of international trade in his country. It was in the economically "new land" that the elder Drinker was conducting business.

But seven years later the father died and Mrs. Susannah (Budd) Drinker brought her son to America where in 1867 he gained his first contact with Lehigh as an undergraduate.

The course in mining which young Drinker elected must have been one of the usual Lehigh rigor for by the senior year, scholastic fatalities had removed all but Henry. And he insisted on continuing. President Coppee couldn't see it in the same light and urged him to change to civil engineering but the boy was adamant and a compromise was finally reached. Drinker was to buy his books, lecture to himself and the following day be questioned from his own notes by Dr. Coppee. In this manner he was the sole mining engineer to graduate in 1871.

Of his undergraduate activities there is little record mainly because the new school was limited in social activities and student life was to become an actuality only in the future.

After graduation, young Drinker soon gave another example of his persistence when, after working with the Lehigh Valley Railroad company for three years, he was appointed engineer in charge of the construction of the Musconetcong tunnel between Easton and New York.

Consider for a moment that world knowledge on tunnelling was slight and that this young man was responsible for a project which must have seemed as imposing to him as would the Golden Gate bridge to a three-year alumnus of today.

The result was a crowning achievement. The tunnel, still in use today, was a success and his resulting book on "Tunnelling, Explosive Compounds and Rock Drills," based on his experience and exhaustive study, not only filled a gap in the technical literature of America but was internation-

ally received as the authoritative work on tunnelling.

As if that were not enough, the young man took what little time must have been left to him to enter an entirely new field—law. Conclusion of these studies found him admitted to the Philadelphia bar with corporation law as his forte. The railroad experience behind him led the way to the rapid advancement which was not long in coming. At this time his enlargement and re-publication of Bell's "Railroad and Telegraph Laws of Pennsylvania" was issued and became

The story of Henry S. Drinker whose life was Lehigh History in itself

a reference book for the profession.

It was natural under these circumstances that he should become attorney for the Lehigh Valley railroad and again his apparently tireless energy brought his promotion, by rapid advancement, to the position of General Solicitor, or head of the legal department. He held this post for twenty years, up to the time of his appointment as president of Lehigh University, and concurrently, (1887-97) was assistant to the president of the Lehigh Valley company and at one time assistant to the president of the Philadelphia and Reading railroad company during the lease of the Lehigh Valley to that company.

Meanwhile, in 1871, the year that Henry Drinker graduated, a group of Lehigh alumni had banded together to form an alumni association of a nebulous sort but of earnest intent. It was to pursue an advisory course for some 35 years before it began to play the part it does today in the affairs of the University.

Always anxious to aid his Alma Mater, Drinker entered the alumni work in the very period when the demanding tasks listed above were heaviest. In 1876 he was secretary of the association; in 1877-8, alumnus trustee; in 1879, president of the association; from 1889-92 again alumnus trustee and from that time on, University trustee and finally the president of Lehigh.

But it was in the '90's that Dr.



Dr. Drinker, in one of his last visits to the campus, attends a review of the Lehigh R. O. T. C.

Plases

Drinker performed his first signal service for the University.

It had been Asa Packer's wish when he founded Lehigh that her funds remain in Lehigh Valley railroad stock and the policy had been observed until 1894-97 when a financial panie hit the country and the bottom dropped out of railroad shares. Lehigh, as a consequence, went right down with them.

Action was needed...it was needed quickly and it was Henry Drinker who got it. Acquainted with Harrisburg through his law work, he set about interesting the legislature in granting aid to the stricken college. As Lehigh was not a land grant college and the solons quite probably had many other ways planned to spend their money, the appeal was a difficult one but through sheer effort and perseverence, Drinker emerged victorious with a \$150,000 grant.

His penchant for detail and manipulation during this fight for Lehigh's life in which he was chief lobbyist is related by his daughter, Catherine Drinker Bowen, who says "...he took Dr. Drown up to the capitol for one of the hearings before the Appropriation Committee of the House. In the evening, before the hearing, Dr. Drown strolled into the lunch room of the hotel and ordered one of his favorite dishes. He sat down on a stool at the counter and prepared to enjoy himself, when Dr. Drinker, ever on the watch, appeared at his shoulder

"'What's that you're eating?' asked the horrified trustee.

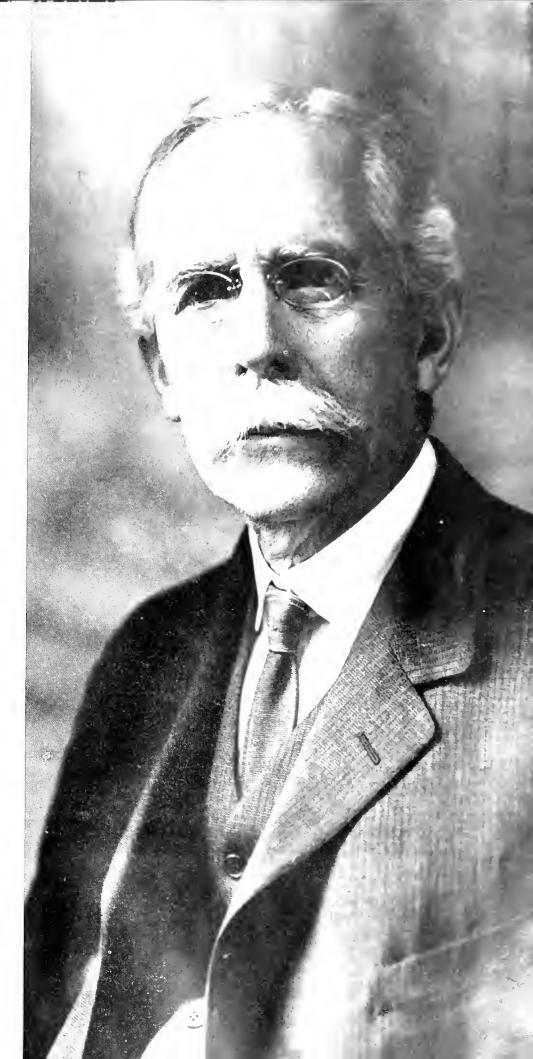
"'Cold, boiled, hardshell crabs! Just before the hearing? Why, my dear Doctor, my dear Sir—we can't afford to take any chances—"

On the financial aid, Lehigh pulled through two more years but just before the turn of the century her debts were staggering to the administration and here the alumni found practical demand for their enthusiasm and launched a campaign for funds which, with every dollar matched by the trustees, (including Dr. Drinker) helped to keep Lehigh on the upward financial path.

After the sudden death of Dr. Drown in 1904, Henry Drinker was quickly presented as the right man for the position. The Board of Trustees was composed almost entirely of Lehigh Valley railroad men who knew Drinker's capabilities and the alumniclubs were still hailing him for his salvation of the University in '97.

So it was in the fall of 1905 that South Mountain greeted its new president, already distinguished in appear-

(Continued on page twelve)





SHANGHAI, queen city of the Orient, with its typical background of the Far-East and its foreground of Western influence had become a new Shanghai by that Saturday in August.

The bridge at Soochow Creek, leading into the settlement had been jammed with refugees and fear gripped the district. There was the intermittent boom of firing from the Japanese Third Fleet up the river and now war planes were droning over the city.

Our mission had been completed and as I stood at the window of the Consulate Building I saw three bombs leave a ship over our heads. When they landed they were to keep press wires humming to the far corners of the earth with news of the first major incident in the undeclared Sino-Japanese war.

But let us go back for a moment to Lehigh where the department of chemistry plays an important part in the assignment by the United States government which placed us in the middle of this Oriental struggle.

Some ten years ago Dr. H. M. Ullmann conceived the idea of the development of Industrial Biochemistry in a real way within the Department of Chemistry and Chemical Engineering. The writer was given the job of developing this division. From a very small beginning in the Fall of 1927, this division has gradually expanded and grown from one small room to a suite of laboratories, housing very fine and expensive equipment, and utilizing the services of some eleven research fellows. During this interval, the reputation of the Biochemistry Division has grown and become recognized for its creative work in the fields of leather, fur and silk fabrication.

For several years the United States Government has had a series of suits in the customs courts regarding the chemical classification of Chinese dogskins. The Government has repeatedly made claim that these skins so imported from China, come into this country as "dressed" skins, while the importers in turn claim them to be raw or undressed. Up to this date the Government has been rather unsuccessful in proving its contention. Early in the

Spring of 1937 the Government called into conference a group of technical experts consisting of two representatives of the Department of Agriculture, one from the Bureau of Standards, and the writer from Lehigh University. The unanimous decision of these experts was that the skins so imported were in the "dressed" state, and not raw, as claimed by the group of importers. Since these skins are all treated in China, the Treasury Department, in order to strengthen its claim, decided to send a commission to China to study and investigate thoroughly the actual process as used by the Chinese. The commission so selected consisted of Assistant Attorney General Joseph R. Jackson, Mr. Frank Ashbrook, fur expert of the Department of Agriculture, and the writer.

We sailed from Seattle, Wash., on the morning of July 17, 1937, on the SS President Jefferson. After a rather quiet and peaceful trip of some 14 days, our party arrived in Yokohama, Japan, early on the morning of July 31. The first sight which met our eyes upon arrival was Fujiyama, extending very vividly into view. This is a sight seldom seen by the tourists arriving in Yokohama, as usually the fogs and mists obscure this vision from view, and we felt most fortunate to have such a fine view of "Fuji-san," as it is affectionately known in Japan. We spent a very pleasant and instructive day in Yokohama and Tokyo, visiting the various places of real interest, such as the silk filaturas near Yokohama,

Above: Dr. Edwin Theis. Right: Scene in Shanghai as aerial bombs burst in the center of the city.

By DR. EDWIN R. THEIS

Associate Professor of Chemical Engineering the American Consulate and Embassy, the Imperial University, the Diet and the Imperial Palace at Tokyo.

After some 12 hours spent in this thriving community, we again embarked and after 18 hours reached Kobe, on the other side of the island. Kobe is the industrial and manufacturing center of Japan. Here the houses and business compare favorably with any industrial city in America. It is here that the industrial preparations are being made for the war which is now taking place in China. All of this territory, from Yokohama to Kobe is known in Japan as the "fortified area"

interior sections and towns of

and no one is allowed to take pictures, or even view the manufacturing industries without special permission.

Our party disembarked at Kobe since we learned from the American Consulate at Kobe that it would be extremely dangerous and highly impractical for our party to proceed from Shanghai to Tientsin and Peiping, where we were originally destined to go. However, since the same work could be investigated in another part of the country, and it was far more practical, we disembarked at Kobe, and went by rail from Kobe to Shimonoseki. This trip was extremely interesting since it took us down the island along the Inland Sea, and we were able to see many of the smaller

interior sections and towns of Japan. In such sections as Tokyo, Yokohama or Kobe, the real Japan is not seen since it is so highly commercialized and mechanized that it does not give the individual a real picture of this enterprising nation. However, as you travel in the interior of the country you can readily picture the Japan of many centuries ago.

The trip from Kobe to Shimonoseki requires some 11 hours by rail, and one first notices, as he embarks upon the Japanese railway, that it is built and operated very similarly to that of

American railroads with the exception that standard gauge is not used. They have what is known as the narrow gauge rails. However, their first and second class pullmans are American in design, and their service is practically the same as that in daily use here in America. The trains travelled very fast, and although the service is most excellent, it is readily noticed that the road bed is not very good, since the trains sway very badly.

On this trip to Shimonoseki, one could get a real, and first hand idea of the preparation which Japan is making for its big "push" against the Chinese. At practically every railway station throughout this entire route, it was found that the station platforms were filled with soldiers, relatives and friends. It reminded one rather vividly of the times here in America some twenty years ago.

It was interesting to note their preparations and to estimate the great



number of men who are being called to the Japanese colors. If the soldier in question was of high social class, he was very likely to be surrounded by a great many friends, and might even be cheered on his way by the employment of bands and music. Other soldiers, who, according to Japanese custom, might not warrant such expense were merely cheered on their way by relatives and friends with a great deal of shouting and flag-waving. Throughout this entire trip into the interior of Japan, there were very few stations at which we did not see a great number of white and red flags waving, and many soldiers embarking for the various places of conflict.

We arrived in Shimonoseki around 10 o'clock in the evening and there embarked on a completely air-conditioned Japanese boat. On this boat the first and second class cabins and social halls were as well air-conditioned as any of our modern hotels in this country. Via the Japanese boat we crossed the straits to Fusan in Chosen, known to us as Korea. We arrived in Fusan early on Friday morning, and from there started for Mukden in Manchukuo.

After spending about three days we were then allowed to embark on another train which we believed to be proceeding toward Mukden, but after a five-hour interval our train again stopped and we were forced to disembark in the small town of Taishu. Here we were not fortunate enough to secure modern hotel conveniences, but were forced to stay in a Japanese Inn which gave us interesting side lights on the Korean method of Tiving. After removing our shoes and putting on Japanese slippers, we were taken to a large room, given kimonos, and shortly thereafter served a Japanese lunch, which consisted of much rice, fish, pickled onions, and a custard of unknown type, to say nothing of the tea which was served later.

Very fortunately it was necessary for us to stay in Taishu only six or seven hours when another train was made up, and though we were forced to travel second class, we proceeded toward Manchukuo. This train carried no dining facilities and for seven or eight hours we were unable to obtain food or water, which, of course, caused us some inconvenience. About midnight we crossed over into Antung which is the port of arrival in Manchukuo, and here we were able to satisfy our longing for food and water. After passing through the customs, the Manchukuo train then proceeded throughout the night, and we finally reached Mukden on Friday morning.

We spent some four days in this city investigating plants processing dog and kid skins. This industry in Manchukuo is carried on quite differently from the way that such processes would be carried on in this country. We found the Manchurian tannery, if such they might be called, consisted of a small office and sorting room. Be-

hind this, in the open, were the crockery vats in which the skins were processed. This process consisted of immersing the dried pelt in a solution containing millet flour, salt-petre and salt. Fermentation was allowed to proceed, and the fermentation products arising therefrom caused the tannage of the pelt. The skins might remain in this fermentation mixture for several weeks or until the tannage had proceeded far enough, and the skins were rendered non-decaying. After this process, the skins were taken out and

DR. RICHARDS IMPROVES

In a letter to the Lehigh Alumni Bulletin, Mrs. Charles Russ Richards reports that the President-Emeritus is showing a satisfactory improvement from his illness.

At present, his general condition is better than it has been for some time. While he is not quite so strong as he was last year, he is sleeping better, is more interested in outside things and is consequently in better spirits.

Dr. Richards now resides at 1725 Summit Avenue, Minneapolis, Minnesota.

scraped with knives in order to remove any adhering flesh, then dried and worked to a pliable condition. After this work-out, the skins were ready for either domestic use or for exportation to the United States. All of this work is carried out in the walled city of Mukden.

To the writer's mind the process was very crude, but yet entirely serviceable and practical for the type of tannage used by the Chinese. It might be said here, that this type of tannage is one of the oldest known in the art. It was very interesting, not only to investigate the fabrication of these dog and kid skins under the actual Chinese working conditions, but also to ride through the narrow streets of the famous walled city of Mukden. Within the walled city are no sidewalks, and the streets are very muddy, especially after a rain. It is practically impossible to go on foot and many times the automobile which we used sank many inches in the oozing mud so prevalent within this walled city.

After our investigation we left Mukden, by means of the South Manchurian Railroad, for Dairen, which, of course, is very near to the old Port Arthur of Russo-Japanese war fame. The South Manchurian Railroad is supposed to be one of the most modern railroads in the far east, and many of its trains are streamlined and operate at high speed. The cuisine of the "Asia," the crack flyer of this line, is luxurious. The first class accommodations, in many ways, are superior to those operated by the crack flyers of

the United States. From Dairen we proceeded via the Japanese boat Hoten Maru, through the Yellow Sea to Shanghai, arriving there on August 12.

During Friday, August 13, although there was no serious bombing, from time to time we saw various Chinese bombers being pursued by Japanese pursuit planes. It was felt in Shanghai that at any minute hostilities might begin in earnest, and on Friday and Saturday of that week the Chinese poured across the bridge over the Soochow Creek, and the settlement was literally teaming with Chinese refugees coming from the outlying districts. It was estimated that 200,000 entered the city during the 24-hour interval, and one could see the mass of people walking and running across this bridge carrying all their worldly possessions with them. On Friday night we found hundreds and hundreds of Chinese sleeping on the sidewalks around the hotels in the settlement, and one had to step over the sleeping Chinese in order to enter the hotel

On Saturday morning real hostilities began. About 10 o'clock in the morning several Chinese bombers flew over the Wang Poo river and dropped several bombs into the river. These bombs were directed at the various cruisers of the Japanese navy, but at that time no direct hits were made. Several Chinese junks were destroyed but no serious damage was evident. Late on Saturday afternoon the Chinese bombers again appeared flying rather low over the Wang Poo River again directing their bombs at the flagship of the Third Japanese Fleet. These bombs, unfortunately, did not fall in the river, but fell on the famous "Bund" hitting the Palace and Cathav Hotels. It was at this time that the writer was standing at a window of the Consulate Building and actually saw these three bombs leave the plane, crashing on and near the Palace and Cathay Hotels. These hotels were not demolished, but certain portions were wrecked, and most of the windows broken due to the detonation. At the time the bombs fell, a great many of the Chinese refugees were huddled in and around the doors of the hotels, and many of them were killed and maimed.

After dropping the bombs on the Bund, the Chinese bombers circled left over the international settlement and dropped bombs on the Great World Playground in the settlement. This being the theatre and shopping district, literally hundreds of Chinese were killed in this raid. Motor cars which were parked in this area were literally torn apart. The bombing of the Great World Playground caused considerably more damage than that done to the Bund, due to the great mass of people present. In this area several foreigners were killed, and it was thought, at the time, that this bombing might cause international reaction. After this display of bombing by the Chinese, the

(Continued on page seventeen)

1736 STRONG

ON SEPTEMBER 23 at 7:45 A. M. Lehigh University yawned sleepily then woke with a start at that very moment with 1736 men, the largest student body ever recorded in her history.

For a week previously, a freshman class numbering 502 had been going through the process of orientation and Packard Auditorium had been jammed as shown in the accompanying photograph.

"But why," people began to ask, "does Lehigh have her largest enrollment this year? Are the bars down or has the University admitted an enormous group of new students?"

The answer came back, "neither." By action of the University Trustees, the student body has been limited to 1,500 paying students and this year the quota of such men has not even reached the limit. True, the freshman class is larger than that of last year but still does not reach the banner-high of 1926.

The real reason seems to lie in the blossoming of some latent talent among last year's students which defied the laws of scholastic fatality. Where in previous years a fairly well known number were "rusticated" for not passing enough courses, this year the curve took a dip and the faculty found most of their charges back in the fold.

Now there was no reason for this. The standards of Lehigh have remained high and even Dean George Curtis, registrar, who has seen the curve work for years, admitted that it was "just one of those things."

A large contributing factor which must be included in this analysis, however, is the fact that the increased number of regional scholarships has served to swell the current total of students in the University. As Lehigh men entering on a scholarship basis are not included in that group of 1500 specified as "paying students," they naturally serve as a factor which raises the total over and above the 1500 figure.

But whether or not Lehigh students of the present are working for grades, there is rather a clear indication that those of the future will do so to an even greater extent. This because the Admissions Office has just published its "Announcement" for 1938-39 in which the new requirements for admission are listed.

Candidates for Lehigh next Spring will be selected through criteria which include (1) Certain quantitative subject-matter requirements, (2) The quality of the individual's work in the secondary school, (3) Such qualifications as sound health, emotional stability, intellectual motivation and established habits of industry and regularity and (4) The candidate's showing in a scholastic aptitude test or other tests prescribed by the University. Additionally, new students

An explanation of the record figure in Lehigh's '37 student enrollment



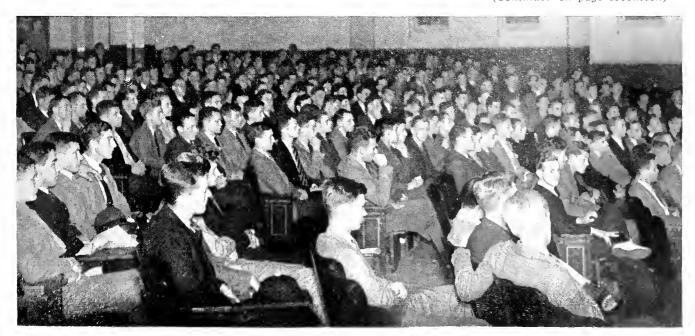
Above: Fraternity men and "rushees" gather at Packard laboratory.

Below: Freshmen attending orientation lecture during the first week of school.

will be required to deposit \$25 at the time of their formal acceptance by the University.

All of this boils down to the fact that Lehigh is making every effort to get men who can stay in college once they are admitted and who will pay a deposit which will in a sense obligate them to enroll. Thus the margin of error in estimation of both the incoming freshman class and the number of up-

(Continued on page seventeen)





T'S something new . . . so new as a matter of fact that here, for the first time, are published details of Lehigh University's first fall program for Alumni—Homecoming Day.

It's also something different and not to be confused with the Spring Homecomings held on Washington's Birthday (1927-30) for it comes at the time of that greatest of Lehigh drawing-cards, the Lehigh-Lafayette game. And there are two good additional reasons why every alumnus should put a red circle around the date.

First there will be the unveiling of the cornerstone of the new addition to the chemistry laboratory,

and second there will be a special alumni program in the evening . . . short, interesting and to the point thus giving the major part of the evening to each alumnus for a good time with his friends.

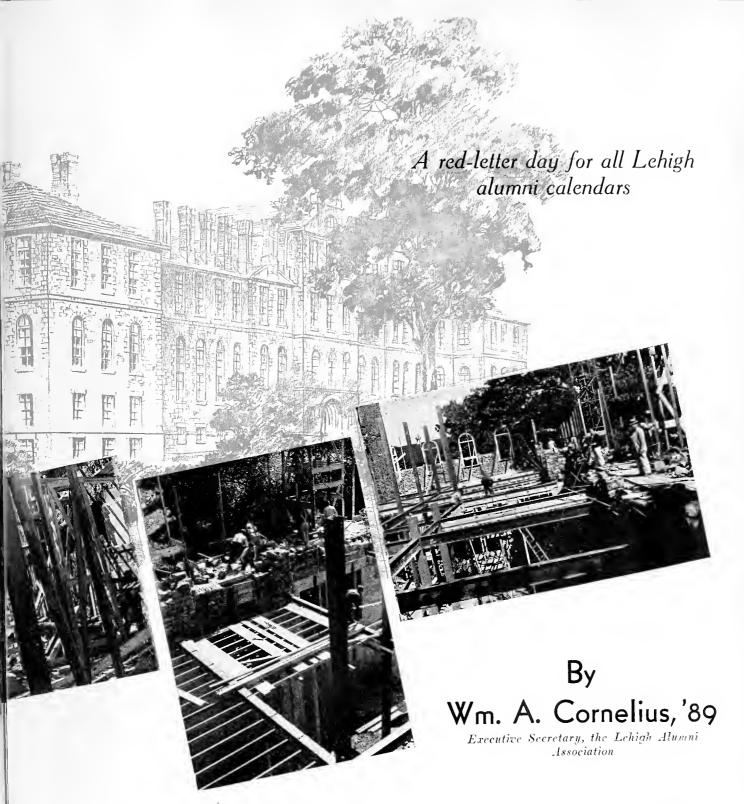
University in Action

And then there will be the opportunity to really see the University in full swing. When the alumni come back in June, Lehigh is practically shut down. Most of the students are out of town, few of the faculty are present and many of the buildings are locked.

On Nov. 20, alumni will be able to see the University in action. The

student body will be attending classes and the morning may well be devoted to visiting classrooms, going through buildings which may be new to many alumni, and becoming well informed on the campus activities of the Lehigh of today. The professors will all be on hand to visit with their former students when classes are over.

At noon there will be no definite program but the Board of Directors of the Alumni Assiciation, with all club presidents as invited guests, will meet at 10:30 a.m. in the Bethlehem Club. At this time, fraternities are being encouraged to entertain visiting alumni and their families at chapters.



By 2 p. m., alumni will be ready for the big game which is to be held on Taylor Field, Lehigh campus, thus year. And pre-game dope, even now, seems to indicate that it will be a battle well worth coming for. Lafayette has bowed for three straight years to Lehigh on the gridiron and with "Hooks" Mylin as its new coach will try to upset the Lehigh string of victories. Glen Harmeson's Lehigh team, with a brace of tough games behind it, will make every effort to continue the winning streak.

At the close of the game, all visiting alumni are asked to follow the 120-piece Lehigh band to the site of the new chemistry wing where the cornerstone will be unveiled with

suitable ceremonies. Details of the construction of the wing are found later in this article.

To Serve Supper

After the pause for the unveiling, the crowd will proceed directly to Drown hall where a buffet supper will be served at the cost of \$1 per person and where the Class of '91 will celebrate the 50th aniversary of their entrance in Lehigh as guests of honor. A short, informal program will be a feature of this supper and immediately thereafter, alumni will be free to entertain their friends on or off the campus.

For greater convenience, applications for tickets to the Lafayette

game, which are mailed early in November, will make provision for members of the alumni body to secure tickets for the game and for the buffet supper by mailing only one check. Attractive Homecoming badges will also be given to each alumnus at the game. Homecoming will be for everyone . . . a gathering of the entire alumni body and an event which no alumnus can afford to miss.

The unveiling of the cornerstone of the Harry M. Ullmann wing of the chemistry laboratory will mark the first step in the completion of a project which was undertaken by the Alumni Association in 1936, when the decision was made to solve the prob-

(Continued on page 12)

A Lehigh Chapter Closes

(Continued from page five)

ance by his almost white hair and mustache...a tall man who walked with a slight stoop and whose surprising store of nervous energy caused him to appear constantly in a hurry.

An interesting story of this perpetual "rush" is told of the time when Dr. Drinker and the late Charles L. Taylor, '76, were on a trip to Scotland to confer with Andrew Carnegie with regard to a current project at Lehigh in which the steel magnate was interested.

As both men had visited London often, they decided to forego any sightseeing, spend the night and the following day resting in their hotel and leave the following night for Edinburgh.

At breakfast, Dr. Drinker ordered, then requested the waiter to bring a bowl of cracked ice. The waiter assured the Doctor that there would be ice-water.

"I didn't say anything about icewater," retorted the Lehigh president, "bring me a bowl of cracked ice."

Taylor was as mystified as the waiter at the request but remained silent until the ice was served, then to his surprise, saw Dr. Drinker drop pieces of ice into his steaming hot coffee until it was cool enough to drink in a hurry... in time for catching a train that he knew would not leave for a good ten or twelve hours.

But if Dr. Drinker constantly called upon his energy, his associates soon found that it was boundless. And well it might be, for Lehigh's fifth president set for himself and for the University an ambitious goal, which, in his administration he saw effected.

In a letter to the alumni in 1906 he made his first plea for a centralized campus life, visualized in the construction of Drown Hall and the Commons, stating, "What can possibly be better for our students, our coming fellow alumni, than to bring them into this association...to give them Drown Hall with its social features, its facilities for students' gathering in pleasant surroundings,—to furnish them with good food at reasonable rates, in a Commons conveniently located, and to promote college feeling and loyalty by bringing our men together, rather than to suffer them to live as scattered units through the two towns, exposed to influences that often are not for the best ... it would seem that our policy must gravitate naturally to this end.'

And his policy did. Not only were the above buildings constructed within the next year, but also Taylor Hall completed, and the Wilbur Engineering laboratory enlarged.

In 1909 Sayre Park was added to the campus; in 1910 Fritz Laboratory and the Coxe Mining Laboratory; 1913, Coppee Hall was remodelled for Arts and Sciences as well as Taylor Gymnasium, stadium and field house, and in 1920 the west addition to the chemistry building was completed.

As president, Dr. Drinker was as democratic as he was active, chatting on equal terms with a Third Ward political boss, a janitor, or an industrial tycoon. Every Christmas it was a ritual for him to deliver, personally, candy or eigars to telephone operators and telegraph employees, driving through town in his well-known pony carriage with greetings for all of his friends—and they were legion.

Under the Drinker administration, the College of Business Administration was created and that of Arts and Sciences enlarged. He was the champion of physical education and the training of reserve officers and, in fact, served as a member of the National Reserve Corps (1913–16) later being chairman of the Board of Military Training Camps and honorary president in 1920.

In an address to Lehigh students, General Wood said, "Dr. Drinker, your president, has been simply invaluable in his assistance in building up the college camps and in bringing about the co-operation of the other great universities in this work."

A genuine interest in conservation of natural resources led the Doctor to plunge with typical enthusiasm into forestry work, becoming president of the American Forestry Association (1912-16) and of the Pennsylvania Forestry Association (1917-21). Through his efforts, the arboretum in Sayre Park, containing all types of native Pennsylvania trees, was planted.

The scope of his interests is unbelievable. He was president of the Association of College Presidents in 1917, chairman of the committee on the part to be taken by educational institutions in celebration of the One Hundredth Anniversary of Peace Between English-speaking Nations, and founder, honorary member, and at various times manager, vice-president and director of the American Institute of Mining Engineers.

So by 1921 almost two decades had passed. Lehigh had grown in academic and physical stature while student, alumni and faculty loyalty had grown to the degree which has since become traditional of the Lehigh "family," and the financial strain which marked the period before Dr. Drinker's administration was an almost forgotten memory. Endowment had trebled, a debt of three quarters of a million dollars had been wiped out and the physicial equipment, faculty and student body had doubled.

The President had always insisted that he thought it advisable that he retire at the age of 70 and so in 1921 the Trustees regretfully accepted the resignation of the man whose ceaseless work had made the new Lehigh possible.

But there were many active years to come. As President-Emeritus and Honorary Trustee, Dr. Drinker lent his advice to the continuation of Lehigh's progress under Dr. Richards, For almost the last 16 years he attended the meetings of the Trustees. Never bowing to age, he continued to climb the steps of the Alumni Building unaided for such occasions, until the concern of his family prompted the University to withhold his notices.

In the spring of this year the "grand old man" was becoming more feeble and in the latter part of July suffered a heart attack and was directed to stay in bed. But with the spirit which was always typical of Henry Drinker, he refused and as a result, fell against a bureau, striking his head. Five nights later, after a partial recovery, his heart failed and he died practically instantly during his sleep.

On July 27 at Beach Haven a private service attended by his widow and five of his children, marked the close of a life that had been shaped by Lehigh University and which, in turn, had been devoted to its Alma Mater for over half a century of unswerving loyalty.

Fall Homecoming

(Continued from page eleven)

lem of crowding in this great division of the engineering college.

Begun in the late Spring of this year, the annex was planned at a cost of about \$200,000 as an annex on the East side of the building, three stories high and with dimensions of approximately 137 feet length and 51 feet width.

Progress Was Slow

At first, the progress was slow. The poor schedule of labor, unseasonable rains during excavation and the intense heat of the summer took their toll in building time. The network of service lines underground all had to be rerouted before serious construction could begin and were finally arranged through a service tunnel extending from the main building into the new wing.

Stonemasonry was delayed until a high concrete wall on the South end had been removed from the forms and various alterations to the old building and the joining of the two structures also introduced new problems.

During the last two weeks of September, however, it was a different story. Floor foundations were laid over the structural steel girders and masonry went forward at a rate which has, at this writing, practically regained the time lost in the summer. Alumni should view the exterior com-

(Continued on page seventeen)

ROLLING DROPS

A glance into a Lehigh research laboratory where two professors formulate a new theory

The tendency of different liquids to mix with each other follows the wellknown principle of "like dissolves like"—even the Latin had words for it, "similia similibus solvuntur." It therefore appears to be a contradiction in terms to state that the more one liquid resembles another, the greater the resistance to mixing encountered when a drop of liquid falls upon the surface of another liquid. Nevertheless, this latter generalization results from the experiments of Dr. T. H. Hazlehurst and Dr. Harvey A. Neville of the Department of Chemistry. This work was reported in the Colloid Division of the American Chemical Society at its meeting in Chapel Hill, N. C. in April and is being published in the Journal of Physical Chemistry.

Many people, especially chemists, have noticed "rolling drops," as they are sometimes called, which often result when drops of a liquid are permitted to fall from a limited height upon the surface of the same liquid. These drops usually scoot about actively for several seconds or longer upon the liquid surface before they coalesce with the body of the liquid. It has puzzled the people who gave this phenomenon any thought to explain why the drop did not immediately merge with the underlying liquid instead of defying the laws of gravitation and surface tension. What, if anything, was between the drop and the mass of liquid to keep them apart?

Beginning with one by Lord Rayleigh, a number of papers have been published on this subject, offering various theories involving either a cushion of air or vapor, or assuming an electrical repulsion. Apparently none of these investigators tried to produce drops of one liquid upon the surface of a different liquid. Professors Hazlehurst and Neville have measured the tendency of a great number of liquids to form drops upon themselves and upon each other. They found that practically all ordinary liquids will form drops upon themselves-notable exceptions being water, ethylene glycol, glycerine and formic acid. A liquid will not form drops upon another

liquid unless the molecules of the two liquids are very similar. Thus, for example, methyl alcohol (wood alcohol) and ethyl alcohol (ordinary alcohol) will form drops upon each other, carbon tetrachloride will form drops upon chloroform (but not the reverse), and toluene upon benzene (but not the reverse).

Such results could not be predicted or explained by the old theories, and the Lehigh investigators have devised a new theory based upon the accepted idea that molecules in the surface of a liquid form a definitely ordered, semi-rigid layer or oriented film, as it is called. The "polar" or active part of the molecules is headed inward—like pigs at the feeding trough. When two films having the same or nearly the same pattern are superposed, the one can support the other because the outer or tail ends of the molecular patterns match without meshing. If the molecules in the two surfaces are somewhat different, spacings in the two patterns do not coincide and the films interpenetrate sufficiently to cause the

FROM AN INTERVIEW WITH

liquids to "wet" each other and merge.

Molecules containing polar or active portions such as oxygen atoms or groups have such strong forces of attraction that their films will merge unless the molecules also contain a protective non-polar group which can cover the surface. The lack of an adequate protective group or "tail" explains the inability of such molecules as water, glycol, and glycerine to form rolling drops.

It is a fascinating pastime (as well as a scientific occupation) to observe the varied antics of floating drops, and the equipment required is extremely simple—a glass tube drawn to a fine tip and held rigidly above a container of the liquid, with a rubber tube attached at the upper end of the glass tube to permit control of the dropping liquid. Kerosene is a suitable liquid for this experiment as demonstrated in the accompanying photograph.

Whether the floating drops actually roll or only slide on the surface is not certainly known. The observed behavior resembles that of particles of camphor which move about actively upon the surface of water, and the cause of the motion is the same: the reduction of the surface tension by a spreading substance.

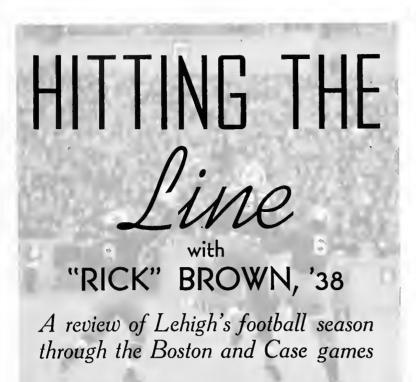
Usually the floating drops vanish suddenly, as if they were swallowed whole, when they merge with the bulk of the liquid; but there are two other ways in which they may attain Nirvana and become one with the whole mass. Occasionally a drop is absorbed slowly and regularly as if, like a toy balloon, it were being deflated by a slow leak. At other times a large floating drop (Continued on page thirteen)

DRS. HARVEY A. NEVILLE and THOMAS H. HAZLEHURST

STAFF MEMBERS OF THE DEPARTMENT OF CHEMISTRY.



Photograph of "rolling drops" taken by the chemistry department staff at 1/500 second.







FRANK SNYDER AND WALTER BLACKLER
Their work scored against Case

At the end of the 1936-37 football year Lehigh alumni slapped each other on the back and pointed to a new era of football for the Brown and White.

The scrapping victory over Penn State, the stunning upset of Rutgers and the always satisfactory winning of a Lafayette game more than overcame any grief for two defeats that kept the team from a clean sweep.

But it is confidence of alumni that places Lehigh's Glen Walter Harmeson on the well-known spot when the 1937 season rolls into position. For things can happen to a good grid machine . . . and they have.

Graduation was the first threat to get in a good lick at fall prospects by taking eleven men from the team. Here the backfield suffered particularly when Pat Pazzetti, Ralph Heller and Lou Pennauchi, a smashing offense trio took their diplomas.

Injuries Took Toll

Injuries sustained last season got in the second blow. Mark Wertz, the rangy back whose 55-yd. pass to Pazzetti won the Penn State game, Harry Milbank, who supplied much of the backfield drive, Herb Feucht and Rudy Schlittler all had been counted on to strengthen the team and their loss is a real one. Wertz and Feucht have both seen action this year but it has been limited.

This year's line is credited with the power equal to that of the past two years despite a scarcity of ends and holes can undoubtedly be opened in opponents' defense, but the big question is who will carry the ball through the openings.

Since the backfield lacks the power of last year, the style of the team tends toward better defense with a less potent offense. The success of the season may well be said to rest upon the

ability of the backs to produce the necessary scoring punch.

On the other hand, there are thirteen lettermen who have returned with plenty of experience behind them. Outstanding among them are Co-captains Fred Bayer and Jack Hoppock, both seniors. Coach Harmeson maintains that Hoppock is one of the finest ends he has ever seen, and has absolutely no defensive or offensive weakness.

Bayer, a two-letterman, has had considerably more experience than the average college player. A regular in high school, at Mercersburg Academy, and a year on the Princeton freshman squad have given him an excellent background.

Norman Ayer, George Ellstrom, Bob Berg, and Paul Woodring offer the best possibilities for building a compact and speedy backfield.

Ayer gained his experience as an understudy to Pennauchi last year, is the most accurate place kicker, and will probably do some of the punting this Fall from the fullback position.

Woodring was shifted from halfback to quarterback last Spring. A fine blocker, Woodring has two years experience, and failed to earn his letter only because rheumatism cut down his playing time.

Berg and Ellstrom are both lettermen and will bear the brunt of the Lehigh offense. Ellstrom will handle the passing attack, and will share the punting with Berg.

The line will be composed entirely of veterans, and one combination can be set up which will have six men who have two letters.

At the ends will be Hoppock and Archie Jamieson, another two-letter man. Myron Sterngold and Frank Rabold will hold the tackle positions. Rabold never played in high school, but by next year Coach Harmeson predicts that he will equal Scobey and Sterngold among Lehigh's great tackles.

Fred Bayer, Elliott Small, and Gene Kirkpatrick, will hold down the guard position. Bayer and Small have more experience than Kirkpatrick, and the latter, because of his good defensive ability, will be shifted to tackle if necessary

Two seasoned centers are available in Tony Famighetti and John Frey. Famighetti holds a slight physical edge, but Frey has had more experience, and the job will probably be split evenly between them.

There will be four backfield replacements in the effort to add scoring punch. Walter Blackler, Al Cox, Johnny Beriont, and Eddie Dattola will comprise the second string backfield. Beriont and Cox are Sophomores, and played with the Freshman squad last year. An all-around back, Beriont will be a valuable player if his leg is not re-injured.

Two Schedule Changes

There are but two changes in this year's schedule. Boston University substituted for Dickinson, and New York University has been added, making a total of nine games, one more than last year.

Johns Hopkins comes to Bethlehem on October 9 and will probably be little trouble for the engineers if the 20-0 Lehigh victory of last year is any indication. Games with Johns Hopkins have been cancelled after 1938 to allow for athletic reorganization.

Penn State will undoubtedly "seek blood" in reprisal for Lehigh's 7-6 victory of the past year when its team "entertains" at State College on October 16. The State powerhouse was a favorite last year but was upset. This year the only prediction is a battle royal.

The Gettysburg jinx hits Lehigh on October 23 when the Bullets come to Bethlehem. In the last three years Lehigh teams, generally conceeded to be stronger, have fallen before Gettysburg by close margins, that of 1936 being 10-7.

Another tough customer, Rutgers, will be host to Lehigh at New Brunswick, N. J., on October 30 when they will seek a come-back for the 19-0 trimming handed to them by the Engineers last year. The following week also finds Lehigh away to play New York University, believed to be the most formidable opponent on the list. Last year the Violets provided a major upset by chipping down Fordham's "seven blocks of granite" to eke out a 7-0 victory.

With Coach "Doggy" Julian launching his second year at Muhlenberg, that team may have some surprises on November 13 when it comes to Taylor field. Last year, in spite of a 26-6 defeat by Lehigh the Allentown club showed plenty of pepper.

The Lehigh-Lafayette game this year will be in Bethlehem on November 20, concurrent with the Lehigh alumni "Homecoming," a new feature for Lehigh men.

Shepherded for the first time by E. E. "Hooks" Mylin, former mentor of Bucknell, who replaced Ernie Nevers as coach, the Easton team will try for a comeback to break the string of three straight defeats by Lehigh.

Case, 14; Lehigh, 7

LEHIGH	CASE
Jamieson	LE Nason
	LT Hornke
Small	LG Anderson
	.C Marshall
	RG Rose
	T Jeffries
HoppockR	
DattolaQ	
CoxR	
EllstromL	
AyerF	B Mlckovsky

Lehigh's hopes of continuing her intersectional football record unbroken

were battered when Case School of Applied Science defeated the Brown and White in a return game 14-7, on October 25 at Taylor Field.

The game was played before a crowd of 8,000, the largest gathering to witness an inaugural game at Bethlehem.

The Clevelander's backfield power-house, led by Ray Mickovsky and Bob Hart, failed to gain consistently and both Case touchdowns were scored on forward passes.

Boston U., 33; Lehigh, 6

Battered by a fast charging Boston backfield that opened the game by scoring in 12 plays, Lehigh's defense collapsed in the first quarter, rallied for two frames then waned as the Terriers ran the score up to 33-6 with an array of power, speed and passing that completely nullified the Brown and White's offensive efforts.

Starting on the Boston 44 yard line, Nechtem, Blazynski, and Famiglietti pounded their way to Lehigh's four, where Famiglietti slashed off tackle for the first score.

An intercepted pass on the Brown and White 23 yard line by Blazynski gave Boston their third touchdown in the third quarter and a 19-0 lead when the Boston halfback ran unmolested across the Lehigh line. Nechten's place kick was good for the extra point.

Lehigh's line then took over the

Below right: Frank Snyder gets loose in Lehigh's touchdown drive against Case. Left: Cox breaks into the open field in the Case game. ball-carrying duties and nailing the ball on their own 22, the Engineer: scored in two plays. "Whitey" Sterngold, shifted from tackle to the end position, carried the ball to the Boston 42 on an end-around.

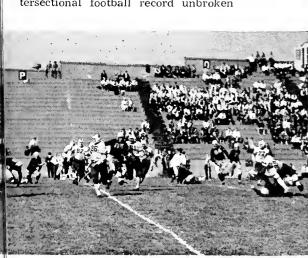
Fritz Bayer, co-captain, took a lateral from Al Cox and behind perfect interference and Lehigh's best blocking of the afternoon raced the remaining distance for the lone Lehigh score. The try for the extra point failed.

The shift in the Lehigh line formation stopped the Boston running plays for the remainder of the game and the Scarlet and White fell back on passes to strengthen their offense.

Blazynski scored for the third time on a pass early in the fourth period. A second pass, Crompton to Netchen that netted a total of 62 yards completed the Scarlet and White attack.

Famiglietti, Boston fullback and cousin of Tony Famigletti, Lehigh's center, did most of the ball-carrying, alternating with Lou Blazynski in smashing through the Lehigh line. Their power accounted for three of the Scarlet and White's scores, and Nechten's perfect pass receiving in the last quarter provided the necessary variety to make the backfield completely balanced between strength and deception.

LEHIGH	Pos.	BOSTON
Feucht	LE	Bernard
Sterngold	LT	Kopecky
Small	LG	Smith
Famighetti	C	Walker
Bayer	RG	Miller
Snyder	RT	Dixor
Hoppock	RE	Hoigerson
Dattola	QB	Spivaci
Ellstrom	LB	Nechter
Cox		
Blackler	FB	Famigliett









HE limitation in enrollment which confronts Lehigh University involves two problems, (1) the selection of the most capable and best prepared among those who apply for admission and (2) the distribution to departments in the University in accordance with the student capacities of those departments.

Applications for admission to any fall semester begin about a year ahead of the opening date, increase rapidly in February to March, attain a peak number through June and July, and are practically complete by the middle of August. When a student applies for admission, it is important to tell him promptly and definitely whether he may be admitted. The University Register states the conditions upon which a student may enter. While at the border line, some discretion is given to those in charge in deciding a particular case, yet a student who clearly fulfills the minimum requirements as stated has a claim to admission. However. since in order to keep the total enrollment down to the limits set by the Trustees, it is necessary to admit under 600 new students. (the limit set for freshmen by the Trustees) the problem of selectivity is clearly a difficult one when many more than 600 apply who meet those minimum requirements, and especially in view of the fact that at present it is impossible to predict how many of those cleared for entrance will actually enroll in the fall.

Indeed, with the statements published to date in the University Register, which the University is honor bound and probably legally bound to fulfill, the procedures being followed may not prove to be adequate and will have to be amended in the future. The result of this situation may be some oscillation of total enrollment up and down through the years, keeping the number, however, near the mark set by Trustee action. It now appears that the total enrollment of this year will somewhat exceed the limit set by Trustee action, notwithstanding the fact that many applicants were denied admission who would have been accepted in previous years.

Of course, the University is under obligation to continue upper classmen who return and who have passed their work. This number is never entirely definite until

THE Prexy's Pen

after the opening of the year. Moreover, regulations affeeting the continuance of upper classmen are becoming more rigorous to the end that the undergraduate students at Lehigh may represent the ablest men of their generation.

The second problem is that of distribution. Certain departments of the University are full or even crowded while others are only partially full. Effort is being made to obtain students for those semi-filled departments even while qualified candidates for the full departments may be turned away. The University receives no benefit from limitation in numbers so long as an undue proportion of the students crowd into a few departments while other departments have fewer than necessary for optimum effectiveness in instruction.

In the College of Engineering, the fundamentals of pure and applied science are included in all of the curricula so that a graduate from one department might undertake the initial practical work in any other field with success. Hence, there is no other reason why an engineering student should attach too much importance to taking any particular course in engineering.

Various departments in the College of Arts and Science are not entirely filled. A student not adapted to engineering courses would do well to weigh the career opportunities afforded in group selections of courses in the College of Arts and Science. He may have the aptitudes for courses in this college and be successful in them whereas he might fail in the College of Engineering. Effort is being put forward therefore, to improve the orientation of students and by the same procedure, effect a better distribution to departments.

Hence, if in any one year the enrollment should surge slightly above the limit set by the Board of Trustees, that fact merely shows that the preliminary estimates were somewhat in error and that the methods of control were not sufficiently sensitive for refined control; it does not indicate any purpose to permit the enrollment permanently to overrun the limits duly established. College enrollments in America have more than doubled in the past decade. Of this increase, Lehigh has not absorbed its proportionate share, inasmuch as Lehigh's enrollment in 1936-7 was only 12 per cent greater than in 1926-7. The problem is complex, involving selecting and distribution, and can be solved only by successive approximations.

Collilians

Rolling Drops

(Continued from page thirteen)

will decrease in size in two or three stepwise stages, the small residual drop remaining practically unchanged for a time until it suddenly vanishes. Sometimes the smaller drop left at any stage will remain in the spot occupied by its parent, but frequently it leaves home with high velocity as if propelled by a parental kick and takes up a new position elsewhere upon the surface.

It is occasionally possible, when the floating drops are especially stable, to have several of them moving about simultaneously upon the liquid surface, colliding with each other and rebounding as billiard balls might do. In fact, a game might be devised with each player backing his particular drop against all others for longest survival in the free-for-all.

If the glass tube from which the drops are released is carefully and gradually raised, a critical height above the surface will be reached from which no floating drops will be formed. That is, the impact of the falling drop upon the liquid surface is so great that the surface film is penetrated and the drop merges instantly. This critical height is characteristic for a particular liquid and can be measured reproducibly to within one hundredth of an inch. This provides a quantitative measure of the tendency of different liquid systems to form floating drops.

Mixtures of liquids behave like pure liquids in respect to drop formation. For example, a particular mixture of benzene and grain alcohol will form drops upon itself but not upon pure benzine, pure alcohol, or a mixture of these liquids which has an appreciably different composition.

The results of this study provide additional information upon the relationship of molecular structure to the character and behavior of liquid surfaces. This is a matter of practical significance in many applications of liquids in such forms as sprays, foams, emulsions and lubricating films.

1736 Strong

(Continued from page nine)

per classmen remaining can be reduced to a practical point.

And for the work of teaching this largest undergraduate groups, 40 new men have been appointed to the Lehigh staff of teaching and research. According to reports from the president's office the following appointments have been made in the teaching staff alone: Dr. Bateman Edwards, professor and head of the department of romance languages, Lt. Col. Joseph S. Leonard, U. S. A., professor and head of the department of military science and tactics, Major Frederick W. Adams, assistant professor of military

science and tactics, and Major Reginald R. Bacon, assistant professor of military science and tactics.

Dr. Raymond H. White, assistant professor of education, Dr. Bradford Willard, assistant professor of geology during professor Miller's leave of absence in the first semester. Howard W. Alexander, instructor in mathematics, Sidney C. Bausor, instructor in biology and Dr. Cledo Brunetti, intructor in English, James L. Clifford, instructor in English, Clarence H. Danhof, instructor in economics, Thomas T. Holme, instructor in mechanical engineering, George L. Kehl, instructor in metallurgical engineering, Dr. John G. Roberts, instructor in romance languages, Paul J. Strayer, instructor in economics, and Kenneth J. Trigger, instructor in mechanical engineering, Raymond F. Schultz, instructor in chemistry.

Until construction of a new dormitory unit, a project which is being given serious consideration by the University Trustees, the housing problem will continue to be a pressing one. When Lehigh's 29 fraternities pledged 214 freshmen, the worry of this year was but partly over for a sizeable group which had taken temporary quarters, expecting a Greek bid, was disappointed and had to comb the town for more rooms.

Fall Homecoming

(Continued from page twelve)

pleted and roof constructed by the time of their Homecoming visit.

This surge of work gives new hope to the original conception of the administration that the wing might be opened for student occupancy by the beginning of the second semester.

In the spacious first floor will be room for the large equipment of the chemical engineering laboratories while the second will provide room for graduate research laboratories and class rooms. Associate Professor Howard V. Anderson's X-ray laboratory will occupy another section of the second level.

Additional room will also be opened for the work in paint and varnish and a new lecture room will supplement the "bull pit" in the main building. Stock rooms and a new qualitative analysis laboratory which takes up a major portion of the third floor, are additional changes in the new set-up.

As a tribute to the work of Dr. Harry M. Ullman, who has headed the department for the past 23 years, the new wing will be dedicated in his name, thus it is particularly fitting that the entire group of alumni back for Homecoming should also join in the tribute to this man by attending the unveiling of the cornerstone on Nov. 20.

Death Over Shanghai

(Continued from page eight)

entire city of Shanghai was placed under martial law, and all people required to keep off the streets after 10 p. m. on Saturday night. Whereas the night before the street literally teamed with Chinese, on Saturday night after 10 p. m. no one could be seen on the streets, and it was impossible to conceive just where the many refugees had gone.

On Sunday the Chinese and Japanese planes flew over the river and the settlement but no actual bombing occured. There was considerable shelling of cutlying districts, by Japanese hatteries, and all through the day could be heard the boom of cannon. As one stood on the balcony of the hotel in the evening, the whole outlying district could be seen raging with fire. and it gave one the impression of being completely surrounded by fire.

Early Monday morning the writer was awakened just at dawn by the rattle of machine guns, and stepping on the balcony from his room he saw an aerial combat between a Japanese and Chinese plane. This aerial battle extended over a half hour period with no real damage to either plane.

On Monday morning a truce had been arranged from 8 to 10 a.m. in order that the Dollar Line tender might take those persons desirous of leaving Shanghai down the Wang Poo River. This truce had been carefully arranged and the United States Navy had agreed to convoy this tender down the Wang Poo River to Woosan where the SS President Taft was anchored. Just after we boarded the tender shortly after 8 a.m. the Chinese bombers. regardless of the truce, again flew over the Wang Poo River, which caused the Japanese to again fire their anti-aircraft guns at the bombers. Parts of these anti-aircraft shells fell upon the tender, and several of the bullets hit the tender as we left the Customs Jetty. This tender was crowded mostly with women and much hysteria was evidenced at this time. Practically all of the passengers were crowded in the small cabin thus shielding them from the machine gun bullets or pieces of shrapnel which might fall on the tender. After approximately one and onehalf hours we came out of the Wang Poo River to Woosan, and boarded the President Taft.

This was a very harrowing period and all the passengers of the tender breathed a huge sigh of relief as the President Taft came into view. Shortly after boarding the President Taft, we started down the Yangtse River and out to open sea: thence to Honolulu, and to San Francisco arriving in the United States on September 2, 1937.

HOOVER Bulfalo covers Bulfalo



ANDID cameraddiet Dudley Hoover, 27, takes first honors for covering Lehigh club events by virtue of his camera "studies" of Buffalo club members in definitely

Ordinarily a fiend for inside shots. unposed settings. (winter meetings featured by a floor covered with used photo-flash bulbs) Hoover has taken his camera to the summer outing of his club and has anoth home the silver nitrate bacon. ing him are the Buffalo members who invaded the Launch Club, played base ball. drank beer, tried minature golf and threw eggs (see Buffalo on next

In the second picture, upper left, Bob Lentz. '30, president of the club. page). taps a keg while past president. W. H. Hunton. 20. disguised in a white hat, looks on.

BUFFALO

About thirty-five Lehigh alumni and undergraduates provided most of the entertainment for the several "friends of Lehigh" and the two Lafayette alumni who dared to show up at the second annual Lehigh-Lafayette outing on September 1 at the Buffalo Launch Club on Grand Island.

Dick Dudley, '30, did a splendid job as Chairman of the committee by providing more entertainment than we could crowd into the daylight hours as well as whipping out such a representative Lehigh bunch.

A baseball game was impending early in the afternoon with a keg of Bill Lownie's favorite beverage near home plate. The latter—the beverage, not the plate—proved the stronger attraction until horseshoe pitching called the participants away. Jud Sells, '28, and Bob Lentz, '30, talked the rest out of the prizes by claiming that they had won by the most decisive scores when darkness prevented all of the brackets from being completed.

While some were playing golf on the miniature course about the Club's front lawn. Dudley started an egg throwing contest over the same ground that almost proved to be an "egg-throwing-contest-to-end-all-egg-throwing-contests." Hank Forsyth, '32, was the first to find the inside of an egg splashing down his arm, but he wasn't alone. Irv Kittinger, '27 and Gleason Lapey, unattached, finally proved themselves by a herculean heave after the others had come to some sad fate—as the crowds stood by and cheered.

Everyone seemed so certain that they would be headed toward Bethlehem on some indefinite business journey the day before the Lafayette game that this entire crowd apparently will be unable to sponsor another telephone broadcast of the game as they did last year. If there is any change in the plans, however, we hope to have another with the equipment in good order.

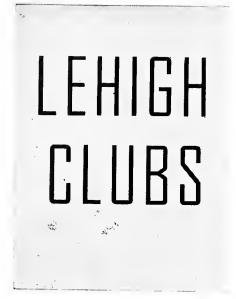
F. H. Hesselschwerdt, '19, Sec.

NEW YORK

The regular meeting of the Board of Governors of the Lehigh Club of New York was held on September 20 to discuss routine matters. The attendance was poor due to several members being out of town while others were attending the American Legion Convention.

Secretary-Treasurer Mills, '33, gave a favorable report on the Club's finances, which showed a satisfactory financial balance.

The Secretary-Treasurer also reported that dues are coming in satisfactorily, but cautioned the Board to keep



working. This led President Macdonald, '19, to discuss ways and means of accomplishing this objective, increased paid-up membership.

Macdonald, '19, announced the appointment of Tom Brennan, '29, as Chairman of the Alumni Fund Committee and A. L. Bayles, '25, as Vice-Chairman.

The balance of the meeting was then devoted to planning the program for the year. In addition to the Annual Football Dinner, as announced below, the program includes the following functions: Lehigh-Lafayette Dinner, December 8; Club Dinner, January 20; Musical Clubs Concert, Early March; President's Dinner, Late April.

The annual football dinner is to be held at the Murray Hill Hotel, Park

New York's Macdonald He takes the chair



Avenue and 41st Street, on Wednesday, October 13, at 6:30 p. m. Walter Okeson, czar of football, will be the toastmaster, and the program includes Coach Harmeson; former coach Frank Glick; all-American Larry Kelley, former Yale end; George Daley, sports editor of the Herald-Tribune; Dick Mechan, All-American storyteller; Trainer Pete Morrissey, and Billy Sheridan. Movies of football games will be shown and members of the Club are urged to attend and to bring high and prep school students as guests. The charge will be \$1.75.

Be sure to watch future issues of the Bulletin for detailed anouncements of the other events scheduled by the Club.

ANTHRACITE AND NORTHEASTERN CLUBS

On Friday, September 24, the Lower Anthracite and Northeastern Lehigh Clubs held a combined outing at the Valley Country Club, a beautiful spot at the foot of the mountain just outside of Hazelton.

During the afternoon various members enjoyed themselves playing golf and about fifty members were present for the turkey and fish dinner.

John A. Hart, President of the Northeastern Pennsylvania Club presided, assisted by H. R. Randall, President of the Anthracite Club.

Although the card of invitation announced "No Speakers Allowed," the clubs had as guests from the University Bosey Reiter, Billy and Cornelius and Bob Adams.

Billy called attention also to the Lehigh Homecoming Day, November 20, which is also the day of the Lehigh-Lafayette game. He mentioned that opportunity would be given the alumni to visit the campus and see the University in action with the student body and faculty in the classes just as they are every other day of the week. Further details, he announced, would be found in the Bulletin.

Bosey Reiter gave the real speech of the evening in his characteristic Bosey style, quoting poetry and emphasizing the necessity of a fully rounded education, not only mentally but also spiritually and physically as well.

Bob Adams satisfied the curiosity of many present on the football outlook, saying that seven wins out of the nine games to be played was too much to reasonably expect. We have some hard teams to face, he said, and although we have a good heavy line our backfield is outweighed by our opposing teams. However, he assured the members present that we have a fighting team and the boys will give a good account of themselves.



In the NE

According to Business Week, Dr. Henry M. Ullmann, acting head of the department of chemistry and chemical engineering, has assisted in the invention of a new process for quick and cheap cellulose extraction

The discovery, based on the "horn angle" created when two steel cylinders roll within each other simultaneously, exerts pressures which squeeze liquids out of vegetable matter so thoroughly as to leave practically pure cellulose fiber.

More for the sake of record than through an attempt to list the many ramifications of the labor disputes of

REPUBLIC'S GIRDLER "Undoubtedly most prominent"

1937, it may be said that the most bitter and possibly telling battle against the CIO forces of John L. Lewis, was waged by Republic Steel following our last Spring issue.

Led personally by Tom Girdler, '01, president of that company, independent steel waged a campaign against wholesale recognition of the ClO which was the most successful in checking demands and tactics of that group.

Lauded by American industry, Tom Girdler will undoubtedly be the most prominent Lehigh man in the news for the current year.

William C. Dickerman, '96, president of the American Locomotive Company, has been elected among five new members to fill vacancies on the board of directors of the Chamber of Commerce of the United States.

0 8

"Big Shots" in the summer news were marksmen W. B. Woodring, '36, who was a member of the American team competing in Europe this summer and W. A. Sheppard, '38, who was selected by the National Rifle Association on its second All-American team.

Woodring and teammates competed in England for the Pershing Trophy which is in British possession, lost by two points, went on to Finland for the World's Championship matches and there captured the highest honors, also by a close margin.

Jack Rathbone, '21, youngest president of any oil company in the country was given an additional honor this summer when the new towboat "Jack Rathbone" (see cut) was named in his honor and added to the fleet of his firm, the Standard Oil Company of Louisiana.

According to the Parkersburg Sentinel, Jack's father, the late M. J. Rathbone, was superintendent of the refinery in that city for many years and his son entered the company in Louisiana after his graduation from Lehigh, rose rapidly to his position as president to which he was elected about one year ago.

Almost a year ago, Walter R. Okeson, '96, commissioner of Eastern football and Lehigh treasurer found that the additional work of heading a gold mine bequeathed to Lehigh made it necessary for him to relinquish the former position.

Since then, football circles have buzzed with names of appointees but to date the successor to Mr. Okeson's position has not been named although the election is expected shortly.

Lauded by the magazine Broadcast for his ability in the radio field as director of spot operations for Young and Rubicam, Inc., is John R. Latham, '31, a football player, member of the glee club and Psi Upsilon steward in his campus days.

Working into the radio field through sound engineering, he first entered broadcast research for the above agency but for over a year has been in charge of time buying.

Since the publication of the last Bulletin, Allen L. Lindley, '02, has resigned as chairman of the New York Stock Exchange's business conduct committee after seven years as "Wall Street's policeman."

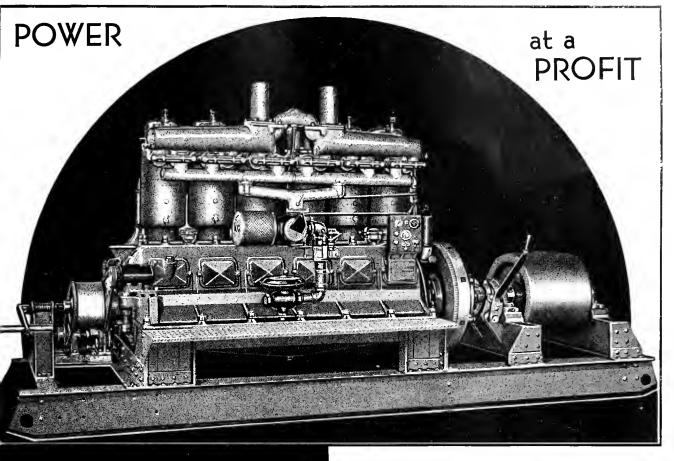
Approved by President Roosevelt and confirmed by the United States Senate, J. Cullen Ganey, '20, has become United States Attorney for the Eastern District of Pennsylvania as

successor to GANEY Guy Bard.

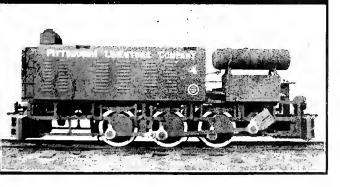
Ganey, who had been acting District Attorney since April 14. was first considered for the post on the death of Charles D. McAvoy. Bard, however, was appointed and served but nine days when he resigned to accept a position with the new Pennsylva-

nia Public Utilities Commission.









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In all the power jobs of industry or farm, MM TWIN CITY ENGINES have for three decades given record scrvice, however gruelling the test. Their simple, heavy-duty construction assures the retention of FULL POWER after long years of operation. This has been proved the country over in cotton gins, oil fields, gasoline locomotives, power shovels, irrigation projects, feed mills, hammer mills, corn shellers, etc. . . . Installation is easy, first cost is low, upkeep is low, and natural gas or liquid fuels are equally adequate for fuel. Eight sizes available—25 to 155 H. P.

We are also pioneers in the fabrication of structural steel, and the pioneers of modern tractor design; likewise the makers of the complete line of modern MM Machinery for the farm. There is a type of MM Twin City Tractor for every farm and industrial need. Write for complete information on the MM product in which you are interested.

Minneapolis-Moline Power Implement Co.

W. C. MacFarlane, '04, President Minneapolis, Minnesota

Personals

H. S. Drinker, '71

Dr. Henry Sturgis Drinker, president emeritus of the University, died at his summer home in Beach Haven, N. J. on July 26.

His widow, four sons, Henry S., Jr., a Philadelphia lawyer; Cecil, professor in the Harvard University School of Public Health; Phillip, inventor of the artificial respirator also a member of the Harvard School of Public Health; and James B., and two daughters, Catherine Drinker Bowen, of Philadelphia and Ernesta, survive him.

Further details regarding Dr. Drinker's life will be found on page 4 of this issue.

F. W. Sargent, '79

Fitz William Sargent, C. E., for many years chief engineer of the American Brake Shoe and Foundry Company, died at his home in Mahwah, N. J., on July 25, after a long illness.

After receiving his degree from Lehigh, Mr. Sargent took a position with the Rio Grande Construction Company, which he retained for a year. Thereafter he was successively assistant engineer on survey and construction with the Mexican National Construction Company (1881-1883); resident engineer of construction for the Norfolk and Western Railroad Company (1884); engineer of tests with the Chicago, Burlington and Quincy Railroad (1884-1890) and a similar position with the Congdon Brake Shoe Company of Chicago (1891-1893). He was chief engineer of the Sargent Company from 1893 until he joined the American Brake Shoe and Foundry Company as chief engineer in 1902.

Mr. Sargent was generally credited by railroad men with having done more in the development of brake shoes for steam and electric trains than any other man, and was frequently referred to as "the father of brake-shoe engineering"

He was a member of the American Society of Mechanical Engineers and was president of the Board of Education of Hohokus Township, N. J., from 1908 to 1912.

His widow, a daughter and a son survive.

F. A. Price, '82

Francis Asbury Price, Wilmington engineer, died on July 13.

After leaving Lehigh, Mr. Price entered the employ of the Pennsylvania Railroad doing location survey work near Juniata, Pa., for a number of years and later held a similar position

with Fowler and Loomis of Philadelphia.

After going to Wilmington, he worked in the city surveying department and became assistant city engineer.

In 1904 he opened an office and continued in general engineering practice. At that time he was appointed New Castle County State Highway Commissioner. Mr. Price compiled a title map atlas of Wilmington which is still used as a reference by attorneys for property lines.

W. H. Hubbard, '88

William H. Hubbard, former secretary of the Philadelphia Life Insurance Company, died September 6, at his home in Philadelphia.

Mr. Hubbard had been connected with the insurance company from 1904 until 1919. From 1925 to 1930 he was associated with Hubbard & Company, woodworking firm.

He was a member of the Pennsylvania Historical Society and the Sons of the Revolution.

W. L. Wilson, '88

Professor-Emeritus Winter Lincoln Wilson, C. E., died on July 15 in Sandy Spring, Md., following a stroke of apoplexy.

Born in Elkton, Md., on December 29, 1866, he prepared for Lehigh in the Elkton schools and at Elkton Academy.

Following his graduation from the university, he studied law at Elkton and was admitted to the bar in that city. He became a member of the Intercontinental Railway Commission surveying group in Central and South America and later served in its engineering department.

In 1897 Professor Wilson returned to Lehigh as instructor in civil engineering, which post he held until 1901 when he went to Tulane University, New Orleans, to become assistant professor of civil engineering.

From 1904 to 1907 he was assistant professor of civil engineering at Lehigh. When Professor Mansfield Merriman retired in 1907, Mr. Wilson was appointed to the chair of the J. T. Stuart professorship of Railroad Engineering, which position he held until 1935 when he retired because of illhealth. He was appointed professoremeritus upon his retirement.

Professor Wilson was identified with numerous organizations, including the American Society of Civil Engineers, the American Society of Military Engineers, the Society for the Improvement of Engineering Education and Railway Engineering, and was also a member of various Masonic organizations. He was the author of a book of valuable engineering data, entitled "Elements of Railroad Track Construction,"

He will be remembered as the superintendent of construction at the time the Alumni Memorial Building was erected. He was also secretary of the Athletic Association for some time. He received a master's degree from Lehigh in 1901.

Surviving are two sons, Maris Wright, and Alvin Turner, '21, four brothers and three sisters.

H. R. Wadleigh, '90

Word has been received in the Alumni Office of the death of Henry Rawle Wadleigh. No details are available.

J. D. Escobar, '91

Juan de la Cruz Escobar, M. E., died at Matanzas, Cuba, on November 22, 1926.

Born on November 24, 1864 in Matanzas, Mr. Escobar prepared for Lehigh in the parochial schools of his native town and at St. Vincent's College near Latrobe, Pa.

After his graduation from the University, he became a draftsman for the B. F. Sturdevand Co. In 1893 he returned to Matanzas and established a shoe manufacturing company, tanyards, factories and sugar mills. In 1896 he built the lighting plants of Heredia and Alhujuehia, Costa Rica. Mr. Escabor also built the first toy automobile factory in Cuba. From 1902 until his death, he was professor of drawing and land surveying in the Provincial Institute of Matanzas.

While at Lehigh, he was identified with the Spanish Club, the orchestra and the band, and was associate editor of the Lehigh Quarterly.

W. E. Johnson, '91

William Edward Johnson, retired division engineer for the Bureau of Water in Hartford, Conn., died in the Hartford Hospital on June 30.

After leaving Lehigh, Mr. Johnson joined the Hartford Water Dept., and retained that position until 1927, when the Metropolitan District Water Bureau of Hartford was founded. He retired from active duties in 1936.

He was an associate member of the Society of Civil Engineers, a member of Wyllis Lodge, A. F. & A. M., and a member of the Sons of the American Revolution. He belonged to the First Church of Christ Congregational of West Hartford.

J. Prieto, '91

Joaquin Prieto, of Bogota, Colombia, died on February 16, 1918.



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When you travel on these sixteen major airlines, Western Electric's flying telephone is your staunch friend. It advises your pilot of changing weather—enables him to talk with airports—helps him to bring you through on schedule.

This radio telephone equipment—an outgrowth of Bell Telephone making—is a worthy member of a large family of sound-transmission products.

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LEADERS IN SOUND-TRANSMISSION APPARATUS

Mr. Prieto was educated in the Roman Catholic Parochial Schools in Bogota, and at Ulrich's Preparatory School in Bethlehem. He entered the mechanical engineering course at the University, but resigned to enter the Pennsylvania College of Dental Surgery in Philadelphia where he took his degree in 1891.

E. VanderHorst, '91

Elias VanderHorst, C. E., prominent civil engineer, died on June 23, in Baltimore.

Born in Charleston, S. C., March 27, 1869, he prepared for the University at St. Johns School, Ossining, N. Y., and at Ulrich's School in Bethlehem.

After his graduation from the University, Mr. VanderHorst was succesively with Fleming and Company of New York; a partner with Charles Henry Davis, consulting engineer of New York City and vice president in charge of headquarters for the National Highway Association. In 1924 he moved to Baltimore and opened an office in the Munsey Building. At the time of his death, he was owner of Wm. H. Cole and Sons, Baltimore.

While at Lehigh he was a member of the Lacrosse and Tennis teams, belonged to the Southern Club, Theta Nu Epsilon and Sword and Crescent. He served on the Burr Board, was class president during his senior year and belonged to the Delta Phi Fraternity.

G. E. Wendle, '91

George Edward Wendle, E. E., died on August 26 after a protracted illness.

Born in Philadelphia, October 6, 1869, Mr. Wendle served as instructor of Physics and Electrical Engineering at Lehigh immediately after his graduation from the University, Later, deciding to use his knowledge in the commercial field, he went to Williamsport, Pa., and engaged in business with the Lycoming-Edison Company, the construction of whose plant and equipment he supervised. At the time of his death he was associated with the Lycoming Electric Company, in Williamsport. He was widely known as an electrical engineer, having been the author of several outstanding works on the subject of practical engineering.

Mr. Wendle took a keen interest in civic and political affairs. He served both the city and the county in an advisory capacity and displayed an extraordinary knowledge of law relating to taxation. He was also active in organizations promoting the welfare of the city, and in the development of ed-

ucational institutions.

He was a member of various Masonic bodies, of the Bethany Reformed Church, and belonged to the Manumacturers' Association and to numerous engineering societies. He was a member of the Williamsport Chamber of Commerce.

His widow, and one daughter survive.

P. B. Davis, '95

The post office department advises that Paul Benjamin Davis, consulting engineer of Brooklyn, N. Y., is deceased.

A. D. Badgley, '96

Arthur Davidson Badgley, E. E., was instantly killed on June 19 in an automobile accident which occurred while he and members of his family were vacationing in Maine. The car which Mr. Badgley was driving overturned after he had tried to avoid striking a dog.

Mr. Badgley was employed by the General Electric Company and was in charge of large motor designing.

His widow, a son, a brother, and a sister survive.

H. C. Whitaker, '96 Henry Creil Whitaker, vice president of the Wheeling Corrugating Co., of Wheeling, W. Va., died on July 18, after an illness dating from last summer.

E. S. Knisely, '97

Edward Steckel Knisely, prominent Bethlehem Steel Company official, died on July 19 at Johns Hopkins Hospital, Baltimore, where he had been undergoing treatment for several weeks.

Mr. Knisely entered the employ of the Bethlehem Steel Company in 1890 as an apprentice machinist. In 1893 he enrolled at Lehigh University and worked in the machine and plate mills of the steel company during the summers of 1894 and 1895.

He did not finish his course at the University, but was transferred to the sales department of the steel company and went to Pittsburgh in 1904.

In 1908 he became western sales representative with headquarters in Pittsburgh and in 1915 was brought back to Bethlehem as general manager of sales. He was appointed vice president in charge of sales in 1923 and held this position until his retirement in 1928.

Mr. Knisely was a member of the Masonic order and was an active member of the Northampton County Country Club.

His widow and a sister survive.

H. C. Tschudy, '97

Henry Carpenter Tschudy, retired banker, died at his home in Smyrna, Delaware on September 7. No additional details are available.

E. D. Edmondston, '98

Edgar Davis Edmonston, E. E., president of the class of 1898, died suddenly on August 29 in the Blue Hill, Maine, hospital following an operation for appendicitis. He was 60 years old.

Born in Washington, D. C., Mr. Edmonston went into the electrical engineering field after his graduation from the University and joined the Consolidated Gas and Electric Company in 1908 as superintendent of construction. In three years he had been given the position of superintendent of electrical operations, a post he held at the time of his death.

He was a member of the Maryland Club, the Baltimore Country Club and the Elkridge Hounds.

His widow, a daughter, two sons and two sisters survive.

L. H. Marshall, '98

Lee Holmes Marshall, M. E., died at his home in Pittsburgh on August 20, following a second stroke, Mr. Marshall had been in ill health as the result of a stroke which he suffered several years ago.

His widow survives him.

A. D. Heller, '00

Austin Diehl Heller, a graduate of the Medico-Chirurgical College of Philadelphia, died at his home in Bethlehem on August 24 after a lingering

His widow, two sons and a daughter survive him.

R. C. Congdon, '00

Richard Cromwell Congdon, prominent for many years in the gas manufacturing industry, died on September 9 at Mineola, N.Y., of pneumonia which followed an operation.

At the time of his death, Mr. Congdon was engineer of manufacturing for the Nassau and Suffolk lighting companies and associated Long Island utilities, a position he had held since 1924.

From 1904 to 1923 he was manager of the Atlanta Gas Light Company. Previously he had served short periods in the gas manufacturing industries of Lowell, Mass., and Frederick, Md.

He was a founder and a past president of the Southern Gas Association and a past director of the American Gas Association. He invented the Congdon scrubber standpipe, an important appliance used in connection with coal-gas manufacture in this country and in Great Britain.

He is survived by two sisters and two brothers.

C. H. Folsom, '04

The post office advises that Charles Folsom died on June 28, 1937. No details are available.

According to the Alumni Office records, Mr. Folsom was employed by the United States Government in the Engineer's Office in Washington, Mo., at the time of his death.

H. L. Watson, '09

The Alumni Office has been advised of the death of Harold Lee Watson on June 13, 1937. No details are available.

According to the Alumni Office records, Mr. Watson was a manufacturer of incubators at the time of his death, and was residing in Glenside, Pa.

H. C. Gerwig, '10

Homer C. Gerwig, M. E., assistant general manager of sales for the National Tube Company, died July 21 in the Presbyterian Hospital in Pittsburgh.

Mr. Gerwig was born in Pittsburgh in 1887. After his graduation from Lehigh he entered the general engineering department of the National Tube Company at Pittsburgh, where he served five years. In 1915 he was transferred to the general sales department,



Mary Has TWO New Dresses

Two dresses for less than her mother used to pay for one. Mary's new readymade dresses, compared with those her mother bought 20 years ago, are in better style, have fast colors, and ate chosen from a fat wider range of exciting new fabrics. Why can Mary have two new dresses today? It is because of the amazing progress the textile industry has made in the last two decades. It is because research scientists and engineers have worked to improve processes and to give the public more for its money. More goods for more people—at less cost.

It is because General Electric engineers and tesearch scientists have contributed to this progress. More than forty years ago, they initiated the first use of electricity in the textile industry. Today, every modern loom has its individual electric drive, and electric control which governs the quality of the unrolling yards of fine, sleek fabric. General Electric scientists have perfected instruments to test and match the colors, and to keep the weft straight and true.

Electric equipment—much of it especially designed by G-E engineers for textile applications—increases production, protects expensive machines, prevents delay and spoilage, lowers costs. In short, General Electric engineers are in the "efficiency business," and the economies they help to effect enable millions of American Marys and Helens and Ruths to buy two new dresses where otherwise they could buy only one.

G-E research has saved the public from ten to one hundred dollars for every dollar it has earned for General Electric

GENERAL ELECTRIC

and in 1931 was made Assistant General Manager of Sales, in which capacity he served at the time of his death. His entire business career of twentyseven years was spent with the National Tube Company.

He was a member of the Duquesne Club, the University Club, the Longue Vue Country Club and the Highland Presbyterian Church.

T. F. Hickey, '12

Word has been received in the Alumni Office of the death of Thomas Francis Hickey, attorney at law in Newark, N. J., in 1935.

Salvadore Vivo, '15

Salvadore Vivo, C. E., was fatally injured in an automobile accident which occurred near Bethlehem, and died in the Sacred Heart Hospital, Allentown, on July 31.

Mr. Vivo, who was a native of Porto Rico and a mechanical engineering graduate of Cornell, class of 1911, was in the employ of the Fuller-Lehigh Company in Barberton, Ohio.

His widow, a son and three daughters survive.

M. S. Armstrong, '20

The Alumni Office has been advised of the death of Morris Simpson Armstrong, some time in July. No details are available.

According to the records of the Alumni Association, Mr. Armstrong was employed in the engineering department of the Pennsylvania Power and Light Company in Allentown.

H. P. Fuhrmann, '21

Harry Philip Fuhrmann, assistant manager of the Shamokin, Pa. Pure Foods and Products Company, died on June 9. No additional details are avail-

J. G. Powles, '21 John Grant Powles, Met. E., was killed in an airplane accident near Tueson. Arizona, on March 26, 1936. No additional details are available.

A. R. Little, '22 While playing a few holes of golf with friends on the Longue Vue Course near Pittsburgh, Arthur Rhea Little was struck by lightning and died a few minutes after the tragedy.

Play had just been completed on the second hole, when a sudden rainstorm occurred, and the players took shelter under a large tree in the grove which surrounds the third tee. A bolt of lightning struck the tree, and "grounded" in the midst of the group. When aid reached the party from the club house, Mr. Little was unconscious, but was apparently still living.

Members and attendants at the club worked with doctors, nurses and crews from the Duquesne Light Co. for three hours even though no signs of life were apparent after the first half hour.

Little, who was the president of his class, was an official of the Mellon Securities Corporation.

His widow, a son, and a daughter survive.

MARRIAGES

Class of 1919

Frederick B. Hazeltine to Miss Margaret Denise, on July 31, in Philadel-

Class of 1923

Walter M. Kocher to Miss Wava Thompson on September 17, in Cherry Valley, N. Y.

Class of 1925

N. H. Bokum to Miss Hilda Hutsel on September 23 in Christ Church, New York.

Michael J. Ryan to Miss Nunza Menna on August 21, in Bethlehem.

Class of 1927

H. T. Rights to Miss Pauline C. Schrader of Newark, N. J. on June 25.

Class of 1928

William Connor to Miss Charlotte Stroud on June 26 in Shavertown, Pa. M. R. Niman to Miss Ruth Berk, on July 3, in New York City.

Class of 1929

Edwin J. Miller to Miss Clara Kulp on June 23.

Class of 1931

Edward J. Green to Miss Mildred Grim on July 17, in Bethlehem.

Robert Krone to Miss Beatrice Ross of Hackensack, N. J., on June 11.

Malcolm Metzger to Miss Carolyn Petrikin on April 6 in Lock Haven, Pa. A. W. Thornton, Jr. to Miss Jane Breitwieser on May 8, in Pittsburgh.

Class of 1933

A. L. Benson to Miss Dorothy Thume, on June 26, in Washington, D. C.

C. F. Halsted to Miss Francis Henderson on June 1.

J. C. Rhoads to Miss Elinor Louise Brinser of Paxtang, Pa., on June 26.

Class of 1934

William B. Agocs to Miss Elizabeth Behr, on June 26, in Packer Chapel, Bethlehem.

J. K. Beidler to Miss Grace Lark, on January 2. Diar E. Clark to Miss Ruth E. Har-

ris, of Deposit, N. Y., on January 24.

Willard C. Korn to Miss Elinor Pauline Hendrickson on August 6 in Chestertown, Md.

Class of 1935

F. C. Hawk, Jr. to Miss Ruth Housel on June 19 in East Orange, N. J.

Charles W. Hutton to Miss Ruth Taylor on August 7, in Bethlehem.

Samuel B. Helms to Miss Ruth Bordner on July 13, in Philadelphia.

C. H. Neiman, Jr. to Miss Evelyn V. Grace on June 19 in York, Pa.

Robert W. Schwartz to Miss Eleanor E. Scharadin, on June 12, in Harrisburg.

Class of 1936

Raymond C. Lowright to Miss Marian Schaffer of Bethlehem, in St. John's Evangelical Lutheran Church in Melrose Park, Philadelphia, on September 17.

Judson G. Smull, Jr., to Miss Gertrude Miller, on September 4.

Class of 1937

Harold E. Towne to Miss Frances Bird Quincy, on September 16.

BIRTHS

Class of 1925

To Mr. and Mrs. M. J. Keating, a daughter, on September 23,

Class of 1928

To Mr. and Mrs. Warren E. Wilson, a son, James Warren, on May 29.

Class of 1930

To Mr. and Mrs. Frank P. Hill, Jr., a daughter, on July 8.

To Mr. and Mrs. Zigmont Letout, Jr., a daughter Susan Clark, on June 21.

Class of 1931

To Mr. and Mrs. H. W. Cushman, a daughter, Barbara, on May 6.

To Mr. and Mrs. W. H. Hoback, a daughter, on August 6.

Class of 1933

To Mr. and Mrs. Harold Hirshberg, a daughter, on July 19.

Class of 1936

To Mr. and Mrs. Ralph Grainger, a son, on August 16.

PERSONALS

Class of 1877

It was the custom of Professor and Mrs. Henry S. Jacoby, of Washington, D. C., to spend the months of July and August at the summer assembly at Chautauqua, N. Y. This is said to be the musical center of America in the summer. While at Chautauqua, on July 27, Mrs. Jacoby suffered a light stroke which made her an invalid for the rest of the season. The care of an able physician and of a diligent nurse secured a slow but steady improvement toward recovery. On September 3 she was taken to the Sanitarium at Clifton Springs, N. Y., where she is under expert care. Near the end of the month, it is expected to remove her to the home of friends at Springtown, Pa. for further rest before returning to Washington. Recently Professor Jacoby sold the old ancestral home known as Buckwampun Farm, which he had owned since 1883. It is located on the Harrow Road, one and one-half miles southeast of Springtown.

Class of 1889

George W. Harris, Correspondent, 12 Holland Terrace, Montclair, N. J.

Discriminating readers doubtless have noticed in a worthy magazine a department entitled, "Editors Chair," and the idea recently struck me-why not a "Correspondent's Chair." In fact your correspondent is occupying one this blessed moment. Furthermore, this same revolving office chair is getting restless, as any self-respecting pedigreed article of furniture would under the circumstances, for is not a letter soon due the Bulletin?

This venerable chair in question, served two full terms of four years each at Lehigh—my full '89' sentence to which were added four years more of hard labor on the part of my brother of the Class of '93.

Believe it or not, while occupying this same chair, many thoughts of the old days come to me—thought transference mayhap—reminding of the fugiting of tempus, changed times and the old saying, "Better a year in Paris (Lehigh) than a cycle in Cathay." If more inspiration were needed, it would be difficult to find it as a fitting equipment for the very pleasant occupation of passing along choice information, served up with appropriate trimmings, about the '89-ers. However, a person must first catch his rabbit before he can have his rabbit pie—nichtwahr?

In this connection, John Lincoln writes from "The free State of Mc-Dowell," in southern West Virginia, about the Southern Appalachian Industrial Exhibit, held in August at Bluefield, West Virginia, the Pocahontas coal field metropolis. Lincoln is president of the Pocahontas Operators' Association, and the leading Bluefiel newspaper published a letter under the caption, "Poca (hontas) Coal Chief Praises Exhibit," accompanied by the same lifelike picture of our classmate which appeared in an earlier issue of the Bulletin when an account was published of Bluefield's Gun Club naming a new lodge for John. Undoubtedly if Lincoln were a smoker he would have had a cigar named after him by this time.

Passing on to other stars in the '89 firmament, mention should be made of a visitor to my humble abode one fine summer day this year-none other than one of the bright lights of Germantown-Bristol, of the Keystone State-Richard Henry Morris, Jr. He rolled up in state in his chariot to have a chat with me. Dick was in a reminiscent mood and entertained my wife and myself with intimate comments about some of Lehigh's former presidents and faculty members, classmates and also some of his own valorous deeds. My grandson was painting his kayak out in the garage at the time and Dick reassured him, as to his safety on the water, that a person destined to be hanged, never drowns. However, that introduces the controversial subject of predestination which possibly should be reserved for another occasion, or at least be referred to a committee for appropriate action.

Changes of address and other announcements are as follows:

Frank J. Carman directs that his mail be sent to 33 Washington Square West, New York City.

William A. Cornelius now resides at 423 High St., Bethlehem, Pa., after returning from a fine trip which Corny and his wife enjoyed the early part of this summer to Holland. The writer suggested that he shuffled around with the Dutchmen in wooden shoes, and that maybe when he came home he would give a practical demonstration

of his agility in wooden shoes sometime at a meeting of the New York Lehigh Club, thinking it might be a drawing card.

Corny replied:

Am afraid I won't be able to make a very good demonstration on your suggested method of testing out wooden shoes. However I wasn't going to let the BULLETIN fall down on its prediction that I would come into the office wearing wooden shoes and I did, but instead of their being on my feet they were on the lapel of my coat. They were just about an inch long. From the experience of people in Holland, going around in them, I think that's about the only way I could make a successful job of it.

Arthur Hugh Frazier gives his address as University Club, No. I West 54th St., New York City.

Clarence Walker, writing (postal) from his new address—2850 Leeward Ave., Herbert Arms Apt., Los Angeles, Calif., says:

The above is my new address. Everybody seems to be on the move out here and so will join the procession.

Class of 1890

H. A. Foering, Correspondent, Bethlehem Trust Bldg., Bethlehem, Pa.

Had a real letter from Masser the other day. Among other very interesting history, the following extract, it seems to me, is of great interest:

In a Lehigh Burr of those days one might find a story by Windy Stokes, '88, entitled "What the Moon Saw." We had held a Theta Nu Epsilon initiation on top of the mountain and about midnight were peacefully returning home by way of Packer Ave., singing college songs. Suddenly a "Dutch cop" popped out from the bushes and proceeded to take Gaston, '88, to the calaboose. The crowd of about forty followed after and into the jail behind them, presumably to see what was to be done with Gaston.

Without warning, the cop slammed the door and shouted: "Shentelmen, consider yourselves brisoners." Someone roused a justice of the peace from his slumbers to conduct a hearing. We were handenffed two by two (my partner being the son of the Epsicopal Bishop of Oregon, Bish Morris, '89).

from his slumbers to conduct a hearing. We were handenffed two by two (my partner being the son of the Epsicopal Bishop of Oregon, Bish Morris, '89).

The only "hearing" was a fine of five dollars per head, following which the justice and his pals roused a saloon keeper proceeded to drink up as much of our fine as it was humanly possible to get away with.

It being a hright moonlight night, Stokes cleverly depicted the incident in the Burr under the title "What the Moon Saw."

We also had a letter from Howe, who is holding Charleston, S. C., in check. We want you back here in 1940—or earlier if possible.

Also a letter from Matheson, who is located at Stonersville, Pa., eight miles east of Reading. He will be glad to have any of you stop to see him if you pass through.

Sherman writes he is summering at Camp Shawondasee, Echo Island, Maine. You had an absence last November, Sherman, and another one in June. We want you, and every other one that can possibly come, to be here next November.

Potter got out an excellent class letter for June. Who will volunteer to write a November letter? I am sure the class will appreciate highly a letter from one other than your secretary.

Duerr, consulting engineer, 2639 Front St., San Diego, Calif., writes that he is sure to be on hand for our 50th reunion.



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LEHIGH STATIONERY CO., INC.
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SUPPLY BUREAU

STAEDTLER, Inc. WORTH ST., NEW YORK

Prindle is recovering from a long continued, serious illness, from which we hope he will soon be thoroughly restored.

Class of 1891

H. T. Morris, Correspondent 67 W. Market St., Bethlehem, Pa.

Forstall is still vacationing in the Rocky Mountains and has asked me to write his column for the October Bulletin

He sent me a letter dated August 8 from W. A. Cornelius who is planning the inauguration of a new Alumni custom at Lehigh to honor each November on the evening of the Lehigh-Lafayette game, the alumni who have been 50 years a class. This year the game is November 20 on Taylor Field and at Drown Hall there will be a buffet supper at 6 p. m. at \$1.00 per person. Cornelius wants '91 to be there in strength and to be the "heroes" of the occasion. As a nucleus, Forstall and I expect to be there and we invite as many '91 men to come as can arrange it. Please advise Forstall at Rosemont, Pa.

J. Z. Miller's picture post-card from Copenhagen, Denmark, says that on September 1 he saw in Hamlet's Castle now the National Museum, the 30,000 year old skeleton of a bull, which was pictured in a French cave. A sketch of this cave-wall picture, made by J. Z. in France, appears in his archaeological article in our 50 Year Book.

And now about the book, which I once hoped to have had in your hands before this date. On August 26, 286 pages of this book in its 350 copy edition, had been printed (except 32 pages in galley proof) in the excellent manner of the Times Publishing Company here.

Yet to be set up is Lefevre's editorial contribution upon which he was working when he spent two days here with me in June. Struggling for health, he has for more than a year been under doctor's dictum to rest and avoid undue activity. On September 11, his postcard from New Hampshire tells me he "will see the doctor today for the last time, I hope. Will see you soon in Bethlehem."

I think you will all approve of my holding up the book awaiting Lefevre's article. Owing to the indefiniteness of the date when I will receive it, I am unable to say when the book will be finished—so will tell you that you may expect it before the close of October, 1937.

Class of 1894

T. G. Empie, Correspondent Box 772, Wilmington, N. C.

Some years ago I had the satisfaction of reading a letter written by a man with the power-bearing name of King, a numerous tribe, all of them looking up to their old Grandmother, who was always thought of as a "Mother in Israel" and spoken of as "Grandmother King." This letter was written to a relation in Florida and stated that it was Christmas time, and

they felt they had a right to be thankful that "Grandmother King" was living, all of them well, and none in jailthe latter condition not being unusual to this clan. So on reading all the data assembled by the Lehigh office for me. I find this summer was apparently as uneventful as King's Yuletide season. because all I find to tell you about is that Colonel Godwin Ordway is now retired and wishes his mail to be sent to 1710 35th St., Washington, D. C.; L. L. Gadd has quit the dusty ways of toil and his mail will reach him at "Readbourne," Centreville, Queen Anne County, Md.; F. G. Sykes is helping both of these other boys and you can write to congratulate him at 319 Hampton St., Cranford, N. J.

Shepherd, (G. E.) is out where they make the automobiles and can be found at 6809 Livernois Ave. I had a letter from him in which he was hoping to spend part of October fishing on the peaceful "Susquehanna."

Hallock writes on the psychology of life from Greensburg, Pa.

Class of 1896

W. S. Ayars, Correspondent 409 Engineering Bldg., Columbia Univ. New York City

Since I last composed this contribution. I have had plenty of letters, but they all came from my regular correspondents; Cully, Lee Marshall and Pop Pennington. On the 27th of August I started off with two passengers, my wife and my daughter, for the Cape Cod country. A nephew, at Plympton, was being married on the 28th, and this gave an excuse for the trip. While in Plympton, for two days, we stayed with W. D. Taylor, '96, and his wife and daughter, and were most hospitably entertained. Billy has a fine orchard and a very roomy and comfortable house. Besides his daughter, Constance, at home, he has a son employed at a distance, but near enough to home for week-end visits. After two days with the Taylors, we moved on about two miles to my sister's place, and stayed there about a week, taking two days for a tour all around the Cape. On the way back, we stayed two days with the family of Buck Ayers, at their farm near Westerly, R. I. Buck was on the job in Pittsburgh; but his sister, Louise, his wife, their two married daughters and a tiny grand-daughter were all there, and we had a most enjoyable visit. Then we stayed for about two hours in Bridgeport, Conn., with my niece, Janet (Slade) Senior and her three bright and lively children. Janet's marriage, some years ago, to Sam Senior, Jr., and the subsequent birth of the children, has provided the excuse for Pop Pennington to claim two grandfathers for '97 (Sam Senior, Sr. and Ed Slade) for each child of the Slade-Senior union.

Those of you who have not yet heard of it, will be shocked and saddened to learn of the sudden death of Lee Marshall, on Friday, August 20, about 5

p. m. He had been nearly helpless and in considerable pain for several years, as a result of a "stroke"; and a second one carried him of. He and I have been writing each other several times a week for the past two years or more, and I had a long and quite cheerful letter from him written the day before he died.

Class of 1897

J. H. Pennington, Correspondent P. O. Box 159, Trenton, N. J.

As I pause from press of business to pen this idle rhyme,

I'm taking inventory, for it's inventory time.

But it's not the stock I'm checking, nor dollars lost or won,

That concern me in accounting when final statements done.

I am thinking of the "life" I've spent, the things I've done and said,

The things I cannot figure in the black or in the red.

I am thinking of the men I've met throughout this pleasant land.

Who've given of their time to me, held out a friendly hand.

Who placed a certain confidence in statements that I made,

And staked their judgement on my claims and on the game I played.

I am thinking of the fellows who have gone out of their way

To help me put my stuff across . . . they do it every day.

I see friendships ripening, that have stood the test of years,

Have I kept faith with those who trusted, or am I in arrears?
What are dollars, few or many, to

What are dollars, few or many, to record commercial strife

When checked against the finer things along the path of life?

In intercourse with fellowmen, the give and take of trade,

The profit of enduring worth is not the dollar made.

I simply could not resist applying the above thoughts of H. W. Harris to my own case, after re-reading a letter treasured for several years. Mag flatters me, I think, on the junk I send in for this column, and says in part "It carries me back to youth with its high hopes and unalloyed friendships. I still see you hurrying up the hill, at the drawing table, and on the athletic field. Then, life was at its prime for me. So, oft' fond memory backward turns and brings me peace."

If I can, in the smallest way, be instrumental in engendering thoughts of kindness and become worthy of the slightest appreciation, I feel that my sojourn in this vale of tears is not in vain.

I was immensely pleased recently, upon returning from lunch, to find Kid Brady talking with my oldest son, who is twice as old as the Kid was when we were Freshmen. Do you get that, you greybeards? The Kid was on his way home from New York, after seeing his sister leave for Europe. If the Kid had been at our

reunion, you would have thought it the tenth instead of the fortieth; he is just that youthful looking.

John Sheppard has sent me another bathing beauty post card, just to be mean. He knows how repugnant to me is the sight of these girls lolling about on the sand, so scantily clad. I wonder who the middle one is. Whenever John goes vacationing down around Palm Beach, he makes me envious by letting me know it.

Pop Merriman says, "Let us have more reunions like the fortieth." Nothing would please me more and you all know that so happy a circumstance rests entirely with yourselves. The next opportunity will be November 20—Home-Coming Day, and the Lafayette Game. Will you be there? P. S. The band still needs two more sousaphones.

Class of 1899

Arthur W. Klein, Correspondent 43 Wall St., Bethlehem, Pa.

C. F. Carman is president of the National Silica Works, Berkeley Springs, W. Va. His mailing address is 324 East 36th St., Indianapolis, Ind.

F. J. Littell's new address is 4839 N. Hamilton Ave., Chicago, Illinois.

It may be of interest to my classmates to know that I took a 3600 mile motor trip during August. I went south via Harrisburg and Shenandoah National Park, reaching the Atlantic coast at Charleston, S. C., and continuing on down through Brunswick, Ga., Jacksonville, St. Augustine and Miami, Fla., finally reaching the Florida Keys.

Coming back I followed the Tamiami Trail through the Everglades and up the Gulf side of Florida, via Fort Myers, Sarasota, and Tampa to Atlanta, Ga., where I lived in 1901-1903. Then north through the Great Smoky National Park to Knoxville and Charleston, W. Va., and home. In Greensburg, Pa., I called up Joe Wentling's residence and had a nice chat with Mrs. Wentling. Joe was at Spring Lake at the time.

Class of 1903

E. R. Morgan, Correspondent Lehigh University, Bethlehem, Pa.

Whether you know it or not and further, whether you like it or not, the fact remains that at the end of this academic year, namely June 1938, you will have been out of college thirty-five years. And that is that.

What will be done about this serious situation is entirely up to each of you individually. There are enough of our class living in Bethlehem and vicinity to carry out your wishes, provided you will take the trouble to tell us what you want us to do.

To put over a real reunion, we must first of all know how many of you are planning to be in the old town in June, what kind of entertainment you want and if you are willing to assist in stirring up interest by writing to some of your class buddies. Bob Morgan is in a position to furnish any addresses. Then there is the question of a suitable costume befitting our age and dignity,

and dignity.

Bob and I can think of many more things to be settled if you will give us the least bit of encouragement. How about it, are you interested?

The above was received from Art Frick in response to an urgent request that he start the 1903 class correspondence for the year, by sending a message regarding the celebration next June.

As you read the words, some of you probably reached for your memo pads and made an entry to remind you not to write a single word to anybody on the subject of our reunion. If you do not belong in that group, you possibly did not reach for anything. If you did reach out, tell us about it and we will be glad to let everyone know the result.

Do you realize that it will be ten years next June that Jack Fuller got us into that famous game of Truth? If Jack has an idea as good at that for this reunion, and we can announce it in time, we will probably win the Reunion Attendance Cup.

Won't you glance back and read Art's last paragraph again?

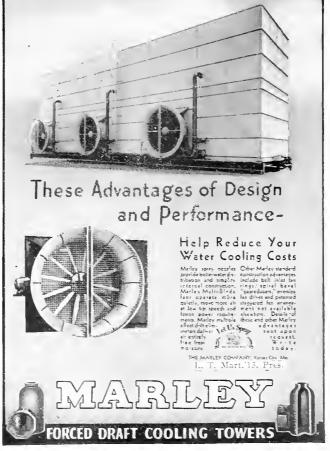
Class of 1905

W. H. Lesser, Correspondent 900 Clay Avenue. Scranton. Pa.

Last year was a poor one for your reporter. I simply did not get any news from you fellows. Drop me a note now and then, and help keep the column alive.

Judson Warlow is now chief engineer for the General State Authority. He lives at 600 N. Second St., Harrisburg, Pa.





Bill Bachman is uoing very well with the New York Central Railroad at Elkhart, Ind.

Casey Ryan was recently in the Alumni Secretary's office - he now lives in Newark, N. J.

Every month, Dean Corsa's company mails a very interesting booklet called "Labinthecountry." The July issue contained this article by Dean.

As Man to Man

If he lives to be a hundred years old, he'll never have a greater thrill, his eyes will never more brightly than when he mounted that Delphine blue motorcycle, realized that it was his, "gunned" it and headed for home sixty miles away to show it to his mother. That's what I was thinking as I tailed along in a car at 45 miles an hour about a hundred yards behind my boy.

And then, suddenly, wild terror clutched my throat. My heart seemed to stop. Boy and mach-

ine had fallen together.

The next thing I remember I was on my knees heside him trying to bring back consciousness into his bleeding, battered, little body by crying, "Deanson, Deanson; oh. God Almighty, Dean-

son."

A couple passing cyclists helped me get him five and after riding five on the back seat of my car. After riding five or ten miles, he partially recovered consciousness. He was badly cut, bruised and scraped, but the pain in his back gave me most concern, However, he could move his legs, so I passed up the Jacksonville hospitals and came on home, figuring we could use our local hospital if ne-

He's going to come out of this all right. X-ray photographs show no breaks or deformation of

No. I haven't forbidden Deauson to ride any more. He's a good rider, a good mechanic. He can almost put one together in the dark. first machine he bought for \$4.00, remade it and made it run. He eats them, sleeps them, dreams them, and has even waked me at six o'clock on a Sunday morning to talk about them.

This accident was caused by the wheel going into a "shimmy" as it came off a stretch of rough experimental road. The "shimmy" didn't show up when the motor was tried out before purchase. The night of the accident I called the dealer, arranged to have him send for the machne—and bought a later model that was delivered next day! When I got home at noon I found Deanson's hed moved up close to the window and he greeted me with "Dad, I wish you'd go out and turn that motorcycle around. I've looked at this side all morning. I'd like to look at the other side this afternoon."

Scared? Yes, I'm scared. No man can raise

and love five children without heing scared. But I realize that each of those children must live its own life. Too much freedom would result in their running wild. But too much arbitrary re-straint would kill self-reliance, self-confidence, and unfit them for the fight that every individual must make pretty much alone and unaided. If a boy or girl has a natural bent for certain things, and those things are not of themselves wrong or evil, then I feel it is a

mistake to try to change that hent.

Two days after Deanson's accident was "Father's Day." He couldn't come to the table, but I found this little note by my plate:

Thanks for everything you have done for me. I hope I can do the same for you some day. Your only son.

DEANSON.

I have not heard whether Dean's boy recovered, but he had my prayers.

Class of 1906

N. G. Smith, Correspondent Fort Pitt Bridge Works, Oliver Bldg., Pittsburgh, Pa.

Another year rolled around-another Autumn to start the ball rolling along on this closs corresponding stuff which becomes a headache when no news is forthcoming from the very fellows you're doing it for-in Auld Lang Syne. During the past Summer a letter came to your correspondent from M. W. "Pat" Nolan down in Washington, D. C.

Thinking righthly that '06 might be interested, particularly the C. E.'s, in the passing on of a former Professor, Winter L. Wilson, "Pat" conveyed the news to me, to relay to you.

Hope you see the point and will be encouraged to do something to keep this '06 column alive and interesting.

Other colleges tell the editors of this BULLETIN that it is one of the best in this country.

Methinks every Lehigh man who has not yet formed the habit of becoming a regular yearly subscriber should look back over his past year of spending and reflect how his money melted away and beginning right now it may as well be utilized in something worth while during the '37-'38 year-a year's subscription to the L. U. Bulletin.

Your correspondent feels the urge to pass along to '06 men the truth that the locale for the greatest loyalty to '06, the greatest interest in the Class of 1906, etc., lies not anywhere in America but thousands of miles distantin the faraway country of South Africa, in the city of Pretoria.

Mrs. "Van" starts the college year with some interesting news and best wishes and greetings to be relayed to

you in the following:

Am contributing this message from Van's family through your correspondent "N. G." I do want to tell you that our daughter Constance has just made history by marrying a grand "medicine" man, Dr. Daniel J. de Rock — a man of good promise and "Van" thought highly of him. Nature has been very good to her, and endowed her to a marked degree with her father's intellectual gifts and his attractive personality. Under separate cover I am sending you her picture as a bride-to-be taken below the porch of our homejust before the bridal party proceeded to the Church. All the speeches delivered at the wed-ding reception were in happy mood, and "Van" was mentioned affectionately as though he were among us. My daughter, Violet, and son, Albert, just returned from a tour in search of warmth, July has been particularly cold in Pre-toria this Winter (Southern hemisphere) and everyone who could get away rushed off to warmer parts. The seaside resorts on the Natal coast were very popular.

With kindest remembrance, Yours very sincerely, E. Leticia van Reenen. (Mrs. "Van")

Class of 1907

J. B. Carlock, Correspondent 1301 Beechwood Blvd., Pittsburgh, Pa.

W. R. Bunting left a new address on Alumni Day. He is residing at 348 Highland Rd., Pottstown, Pa.

Charles Dorrance, consulting engineer of Scranton, Pa., has been made vice president in charge of operations of the Consolidated Coal Co., with offices in the Watson Bldg., Fairmont, W. Va. Charlie has been president of the Penn Anthracite Colleries Co., and the Southern Anthracite Co., as well as receiver for the Temple Coal Co.

Ellwood Johnson can be reached at Room 300, District Bldg., Washington, D. C.

E. P. Laufer is working in the Accounting Dept. of the Bethlehem Steel Corp., Bethlehem, Pa.

Class of 1908

W. D. Sanderson, Correspondent Box 175, Pittsford, N. Y.

Here we go on the last lap before the big Thirtieth Reunion. Let's try to keep this column filled each month with up-to-the-minute news on the whereabouts and activities of Lehigh's Greatest Class.

The official report of the 29th Reunion by Rudy Warnke indicates that a large time was had by all present and that everyone promised to be back next June. Oram Fulton had charge of certain features of the program and as usual was a huge success.

Charles Behney now lives at 1441 Potomac Ave., Dormont, Pittsburgh,

Better late than never-last commencement time Morris Savre, who has a side-line job as president of the General Society of the University of Virginia Alumni, was initiated into Omicron Delta Kappa, national honorary leadership fraternity.

Andy Brumbaugh has affiliated with 1908 again so as to be with the gang next June. Brummy's present address is Box 695, Menlo Park, Calif.

George Brothers has been on the job at Comstock, N. Y. during the summer but will shortly be back at Oak Hall, Ware Neck, Gloucester County, Virginia-and how!

Here are a few changes in address in and around Philadelphia: J. C. Barth is now at 1421 Arch St.; Warren McCann lives at Colonial Gardens Apts., 5427 Wayne Ave., Germantown; and R. N. Miller at 312 Lincoln Ave., Lansdowne, Pa. John A. Robb (who was with us Freshman year) is located at 1600 Widener Bldg., Philadelphia. W. H. Walters is now office mechanical engineer of the P. R. R. at 15 N. 32nd St., Philadelphia and lives at 123 Glenwood Rd., Merion, Pa.

Lawrence Janeway has moved to 1132 41st St., Belview Heights, Birmingham, Ala. Youse guys who have hit the trails to the south will recognize that as a swell spot.

Edmund F. Petersen is back in Kansas City, Mo. Try the U. S. Engineers Office, Manufacturers Exchange Bldg., if you're looking for Pete.

Class of 1912

Frank S. Lubrecht, Correspondent Hazelton Natl. Bank Bldg., $Hazelton,\ Pa.$

We all agree that Jack Hart, Mort Sultzer and Eddy Edwards handled the affairs of our 25th reunion very well and made it possible for everyone to have a good time, but I can't understand why they thrust the job of class correspondent upon me.

Jack is a busy man in banking circles in Mayfield and Scranton and on the golf course (40 hrs. a week); and also President of Northeastern Lehigh Club; and here again he piled up more work on yours truly by selecting him as chairman to arrange a combined meeting of the Northeastern and Southern Anthracite Lehigh Clubs at the Valley Country Club at Hazleton, Pa., on Friday, September 24th. We have a total membership of about 450 and expect a turnout of 150 at this meeting, which is a get together of the Engineers of the Anthracite Coal Fields in which Hazleton is centrally located.

C. A. Bonine who was conspicuous by his absence in June, is now a professor in the Department of Geology at Pennsylvania State College and although his duties may have detained him, he should have attended his 25th reunion.

Several inquiries were made during the reunion for Andy Kennedy. Andy according to latest reports is works manager of the Pittsburgh Coke and Iron Co., and no doubt has had a lot of extra work thrust upon him since the C. I. O. invasion of Pittsburgh but 25 years is a long time.

George M. Donaldson is engaged in heavy stone masonry contracting. His address is 10 N. Fulton Ave., Mt. Vernon, N. Y.

Bill Colling's new address is R. C. A., 30 Rockefeller Plaza, New York.

R. C. Silvers is with the A.T.&T. in New York City and resides in Rutherford, N. J., and has recently built a beautiful summer home at Brant Beach, N. J.

Recent reports tell us that Ray

Hauek is again doing well in the paint business and located on the West Coast.

Jack Crellin is general manager of the Hudson Division of Associated Gas and Electric Co., and is located in Chatham, N. Y. Jack regrets that he could not get to his 25th reunion inasmuch as Jack Jr. graduated as an E. E. at Rensselaer and Jack Sr. was there with bells on.

Among those missed at the Maennerehor Round Table in June was Maurice T. (Puds) Coakley — now general manager of J. J. O'Hearne Lumber Co., at Shenandoah, Pa.

Class of 1913

E. F. Weaver, Class Correspondent 1601 Union Blvd., Allentown, Pa.

Well, here goes—off to a flying start for the biggest and best year we hope ever to have—winding up with a Reunion Day that will absolutely be the pay-off in the annals of Lehigh.

During the summer, plans were rather roughly prepared by Sunnie Edwards, Bob Dynan, Art Ward, L. T. Mart (present in spirit but not in the flesh), and your correspondent for our class reunion, and I mean they are rough, needing the ideas of many of you to shape them into such form that this Reunion will be revered by us with the fondest memories when we are old and tottery. Although twenty-five years away from "Old South Mountain", I know I still feel chipper,

like all of you should, though not quite able to stand many nights out in succession without Mother Nature reminding us how we've slipped.

Have heard of quite a few of the boys who had wandered out of circulation either before or since I've been correspondent and they are: Stanley Muthart, 333 Kathmore Road, Brooklyn, Pa.; Charles W. Francis, 9405 Hough Ave., Cleveland, Ohio, who was found by Bob Dynan; Bentley S. Shafer, Camp Susquehannock, Brackney, Pa. who turned up at the alumni office late in August, as well as C. H. Maguire, living at 121 Greenfield Ave., Buffalo, N. Y. Starting with this issue, each month I plan to include in this paragraph the names of some of the '13'ers whose addresses we do not have, with the hope that some of you may be able to tell us their whereabouts. We want all of the boys back for the Reunion and if you know where any of the fellows are whose names I list, the Committee would certainly appreciate having this information. I eannot list them all in one issue as the column is limited to six hundred words. Here are a few of them:

A. S. Horeasitas, last known address: Durango, Mexico; James B. Price; Chimin Chu-Fuh.

Our roving reporter, Art Ward, recently had dinner with Honorable the

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BUT WHAT AN IMPROVEMENT!"

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> Edward J. Burnell, '12 Harold S. Pierce, '04

C. A. Woerwag, '10

Thomas A. Linton, '34



7167

LINK-BELT Speed-o-Matic SHOVEL DRAGLINE - CRANE

"Admiral" Edwin S. Dewey at his home in Coraopolis, Pa. The Admiral is the proud father of two boys and four girls. The questionnaire went to you today, Admiral,

Here are some changes in address: W. D. Kelley, Jr., to 4613 S. Lawn Ave., Western Springs, Ill.; L. J. Sindell, 117 W. Court St., Cincinnati, Ohio; J. Blaustein, American Trading & Production Corp., American Bldg., Baltimore, Md.; L. P. Wragg, 9271 Hartwell St., Detroit, Mich.; E. F. Price, 106 Church St., Danville, Pa.; E. R. McLaughlin, Plant Dept., New York Telephone Co. Albany, N. Y.; S. C. Dutot, 30 E. 42nd St., New York City.

Had a card from Casey Rafter, 2434 39th St. N. W., Washington, D. C. who advised J. Henry Fogg and he had a merry get-together recently.

Finally, though I must admit that only seven or eight of our class showed their faces on the Campus last June, the questionnaires returned to me during the past year indicate that most of the fellows who replied are definitely planning to be with us in June, '38, for the biggest time 1913 ever had or ever will have. We are planning an intensive "Enthusiasm Campaign" but we need some honest to God help from

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Class of 1914

J. O. Liebig, Correspondent 41 N. 5th St., Allentown, Pa.

Earl Wilson has left New York and has taken a position as controller and assistant to the president of Lipman and Wolfe, in Portland, Ore.

George Lewis has turned up after a lengthy absence from 1914. A recent note advises that he is process control supervisor for the Rayon Department of the DuPont Company in Richmond, Va., and is living at 209 Bland St.

F. P. Houghton, in a letter to Billy Cornelius, says that he is executive secretary of the Diocese of Pennsylvania, at Church House, 202 S. 19th St., Philadelphia

J. R. Danner is assistant to the superintendent of transmission for the P. P. & L. Co. in Hazleton, and lives at 117 N. Laurel St.

Creighton Bickley came through with a nice letter in July, in which he says in part:

Dear John:

A letter to you for publication in the BULLETIN should, I suppose, contain news of the "doings" of the members of the class of 1914. This letter, you will see, will be different. It's going to be the "Man Bites Dog" news type, for I am forced to write of what the Class of 1914 members did not do, at least those in this section of North-

ern New Jersey.

What didn't they do? They didn't attend the first annual outing of the Northern New Jersey Lehigh Club held at Singer's Grove, Springfield, N. J. on Friday evening, June 25th. However, it was their loss in not attending for they missed a most enjoyable small size reunion. Take it from me, don't miss the next meeting of this this organization at which I was the only 1914 man present.

So you see, John, this really has turned out to be a letter reporting upon what the members of the Class of 1914 did not do upon this occa-

But next time it will be different-I hope-ahope-a-hope.

Sincerely,
"Bick, '14.
CREIGHTON B. BICKLEY.

Greenbrook Acres. North Caldwell, N. J.

Class of 1915

Elizabeth Ann Kelchner, daughter of William H. and Clara J. Kelchner, died at her home in Philadelphia, after having been ill for three and one half months with rheumatic fever.

Her parents, two brothers, one her twin, and one sister, survive.

Class of 1916

E. J. Clement, Correspondent 136 Cherry St., Floral Park, N. Y.

June with its rare days, July with its prickly heat and sun burn, and August with its "am sleeping under blankets" liars have gone with or without any wind since we last traded some 1916 low-down with you. And during those sundry months of summer, sundry changes have taken place with sundry of 1916's personnel.

But before we call the roll of sum-

mer shifts, here's a preview of what's going to appear in this space during the sundry months to come.

One month, for instance, will be devoted, ardently to be sure, to those of you who had mechanical engineering blood injected into your knowledge arteries from 1912 to 1916-a sort of Old Home Week for Mechanical Engineers, as it were.

Another issue will be built around those of you who got shocked into becoming electrical engineers-a kind of Electrical Barbecue or Jamborce, shall we say.

A third number will carry news of the Civils and their present percentages of civility-something of a Civil Engineering Clam Bake without the clams, it might be, unless there happens to be one civil who knows a clam when he sees one.

And so on until next June rares around again.

Which issue will be which will remain a secret. Otherwise, some of you mechanicals, for a horrid example, might try to buy only that one issue in which your name will appear.

In this way you'll have to buy a whole year's supply of Bulletins in order to be sure you get the right one. And the only way to get that year's supply is to donate a \$3.00 subscription to the BULLETIN.

Several Sixteens changed their business connections and, or their residences during the summer months:

Russ Taylor is Consulting Engineer, Termac Dept., Koppers Co., Tar & Chemical Div., Pittsburgh, Pa.

Sommy Johnston is Partner, Frank Hurst Grain Co., Pasco, Wash. and resides at 811 Nixon St.

Doc Keiser is Mining Engineer, Mining Division, U.S. Geological Survey, Room 3217 Interior Building, North, Washington, D. C. and lives in 602 Georgetown Rd., Bethesda, Md.

Johnny Wells' new residence is 319 Franklin Pl., Plainfield, N. J.

Paul Ganey is with the Bethlehem Steel Co., Real Estate Dept., Bethlehem, Pa.

Herb Leslie's new business address is Standard Oil Co. of Venezuela, Caripito, Venezuela, S. A.

Bill Reese has changed his home to 391 Linden St., Winnetka, Ill.

Class of 1918

A. E. Buchanan, Jr., Correspondent Remington Arms Co., Bridgeport, Conn.

20-Year Reunion This June

No '18 man will need any urging to get back to his 20th. Even before the first reunion letter was written, Jack Latimer started prodding me to get busy; Dick Alden wrote that he was arranging to come on from Oklahoma and Bill Tizard drove all the way from California to Bridgeport to make sure that the class secretary was "on the ball" and that there would be an extra-length bed for him at the Bethlehem Club in June.

Incidentally, I had a grand visit with the Tizards the week-end of September I1. We spent Sunday on the boat exploring the Long Island side of the Sound, swimming, fishing, etc. (No fish—Bill and I drank all the bait). The old rascal still towers over ordinary men, hasn't a sign of a belly or a gray hair on his head. (Helena Rubenstein may have something to do with this). As you all know, Bill owns most of the oil wells in California and knows more about petroleum than John D. ever did.

Tubby Ambler landed in Pittsburgh last spring to do something about the control of floods. Jack Latimer reports that he must have done a swell job because shortly after he arrived they had a hum-dinger of a flood. Bigger and better floods, that's Tubby's motto. Anyway, he's still in the smoky city with the U. S. Engineers Corps., living at 256 Neabrick Ave., Mt. Lebanon.

Bill Tizard tells me that Whitey Lewis is in a new racket, running rendering boats. At first I thought this must be a new kind of yacht, but Bill says no, they are really floating factories which take fish in at the bow and turn out oil, perfume, pearl buttons, tapioca pudding, fertilizer, etc. at the stern. Jack Latimer confirms this general conception by advising that Whitey is now in a business he's had a lot of practice at—I take it he doesn't mean tapioca.

Swifty Thomas has his own outfit now — Metropolitan Equities, Inc., Graybar Bldg., New York. Don't know just what the racket is, but it seems to keep him well fed, and looking as though he hasn't a worry in the world.

Another bimbo who's set himself up in business is Mac MacCarthy, who is President of the J. D. MacCarthy Mining Co., Mesa, Arizona. Looks like there might be a chance of getting in on some good things at our next reunion.

Gordon Jones is still with Westinghouse in East Pittsburgh. Central Station Engineer, he calls himself. He and Tizard were the two guys we always said we'd bury in Grandfather's clocks, remember. Let's see how they compare in June.

Hal Shockley popped in on me the other day, but he was on a business trip and it had nothing to do with research so I hardly got a chance to talk to him. Shock is with DuPont, head-quarters in Wilmington, but has become an expert maintenance engineer and hops around to different plants advising on maintenance matters.

Now I'll write this column again next month but am going to ask the following to carry on thereafter:

December	Eddie Mooers
January	Eddie Klotz
February	Bill Tizard
March	Jack Latimer
April	Charlie Hyatt
May	Count Concilio

CHARLES MOGONIGLE, '01

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CHARLES McGONIGLE, '01

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CHAS. O. WOOD, '92

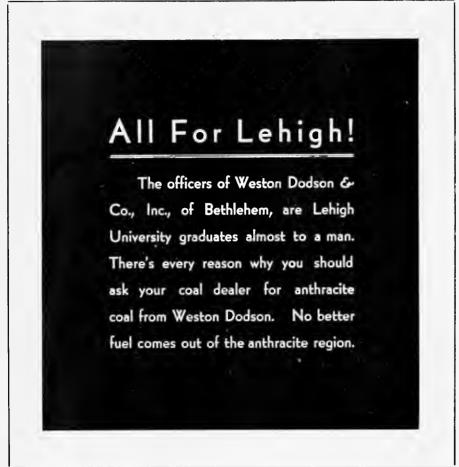
G. H. WOOD, '99

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Class of 1919

J. L. Rosenmiller, Correspondent York Ice Machinery Corp., York, Pa.

If you haven't had a summer vacation, make it a fall one—be smart, it doesn't pay to miss it.

The 1919 Class Award of \$50.00 was presented by Buckie Macdonald at the Reunion last June to Mr. Nelson J. Leonard. A very appreciative acknowledgement was received from Mr. Leonard. This amount was contributed by 16 members of the class.

The Rotating Secretary idea—in effect during the past two seasons—has worked out very well in stimulating interest in the class column, and we plan to continue it during the coming year. In addition to the writer, Buckie Macdonald, Bill McKinley, Fred Hazeltine, Roy Coffin, H. D. W. Smith, A. W. Devout, "Truly" Warner, and F. D. Nawrath served last year, and we are asking the following men to tell us something of themselves and their activities in the coming issues of the 1937-38 BULLETIN.

Dave Dorkin, November, copy due in Herrick's hands Oct. 19. H. S. Kirk, December, copy due, Nov. 22. Bill Mc-Carthy, January, copy due Dec. 26. Milt Manley, February, copy due Jan. 23. R. L. Eisenhard, March copy due Feb. 27. T. C. Zeller, April copy due April 3. Geo. C. Thomas, May, copy due May 6. Freddie Hesselschwerdt, June-July, copy due June 12.

During the past few months, we received the following interesting items about members of the Class:

R. W. Ludlow is now office manager of the A. & P. Tea Co., Sherman Ave. and Peddie St., Newark, N. J.

Roy Coffin has transferred his interests from E. W. Clarke & Co. to Buckley Bros., in Philadelphia.

E. F. Whitney has advised us that he is now in the railway engineering department of the Westinghouse Electric and Manufacturing Co., East Pittsburgh, Pa.

H. M. Schelden is division auditor of the P. P. & L. Co., 22 North 2nd St., Harrisburg, Pa.

Superintendent of the automobile underwriting department of the Sun Indemnity Co., of New York, is John M. Stevens, who resides at 1 Alden Place, Bronxville, N. Y.

With the Rural Electrification Bureau of the National Electrical Manufacturers Assn., 155 East 44th St., New York City, is Frank J. G. Duck.

T. J. Bray, Jr., now resides in Sewickley, Pa., R. D. No. 2.

A tracer reveals that G. H. Gildersleeve is in the sales division of the Minneapolis Honeywell Regulator Co., Inc., New York City. Mail reaches him at 4 Sylvester St., Cranford, N. J.

To any of the gang looking for a job in New Jersey, Charles F. Yard is Principal Examiner for the N. J. State Civil Service Dept., State House, Trenton.

R. T. Rohrer is among the missing, mail being returned from 2007 R St., N. W., Washington, D. C.

Don't forget to let us know of your whereabouts and activities. Write to Dave Dorkin, 328 Haddon Ave., Collingswood, N. J., so that he can include your contributions in the November issue of the BULLETIN.

Class of 1921
William M. Hall, Jr., Correspondent,
The Hall Grindstone Co.,
Constitution, Ohio.

The New Sternwheel Towboat Jack Rathbone

See Photograph on page 20

The towboat Jack Rathbone is the newest of the Standard Oil Company of Louisiana's fleet of river steamers, second in power rating for boats of this class only to the Steamer Sprague.

The Jack Rathbone was built by the Marietta Manufacturing Company at its shipyard at Point Pleasant, W. Va., was launched May 3rd and made her trial run June 29, 1937. Its home port will be Baton Rouge, La., and it will tow gasoline and other oil products from points on the lower Mississippi as far upstream as Louisville, Ky.

The boat is named for the president of the Louisiana Company, Mr. M. J. Rathbone. Mr. Rathbone, who was unable to be present for the trials, was ably represented by his mother, Mrs. M. J. Rathbone, of Parkersburg, W. Va.

339 Miles in 331/2 Hours

The new Marietta-built steamer Jack Rathbone ran from Point Pleasant, W. Va. to Dam 41, Louisville, 339

miles, in 33½ hours with a three hour stop at Cincinnati. The boat was not operating at full speed as she was running light and heavily fueled. Captain Harry Martin, upon his return home to Point Pleasant from piloting the boat to Louisville, said she was one of the best handlers he had ever steered.

The hull of the Jack Rathbone is 190 feet long, 42 feet beam and $7\frac{1}{2}$ feet deep. It, as well as the main deckhouse and boiler deck, is built entirely of steel, electrically welded throughout. The cabin, texas and pilot house are of wooden construction.

The power plant of the vessel comprises two Nelis Low-head Steam Generators of the bent-tube two cross drum type, manufactured by the Foster Wheeler Corp. and equipped with Economizers and Radiant Type Superheaters. The vessel will burn oil fuel and the boilers will generate steam at a pressure of 325 pounds with 80 degrees F. superheat.

Propelling engines are of the Tandem Compound Piston Poppet Valve type, built by the Marietta Manufacturing Co. These engines represent the latest development in machinery of this type for river service. They have high pressure cylinders 16 inches in diameter, low pressure cylinders 32 inches in diameter, and a common stroke of 10 feet. Horsepower rating: 1600

The auxiliaries and equipment of the vessel are of the most modern

type. Plumbing, heating and lighting fixtures are in keeping with the modern trend, and the eabin arrangement provides ample space and comfortable quarters for the boat's crew of 24 persons.

Class of 1922

John K. Killmer, Correspondent, 709 Highland Ave., Bethlehem, Pa.

The first letter to my classmates is rather difficult to write. I have the sorry task of telling you that our Class President, Bill Little is no longer with us. Bill was playing golf on his home course, the Longue Vue Country Club on Saturday, September 4th and during a storm was struck by lightning. He was buried on the 7th.

Words are meaningless in trying to express one's feelings. It seems almost impossible to reconcile oneself to the truth. In June we played golf together in Bethlehem and I was looking forward to another game in September.

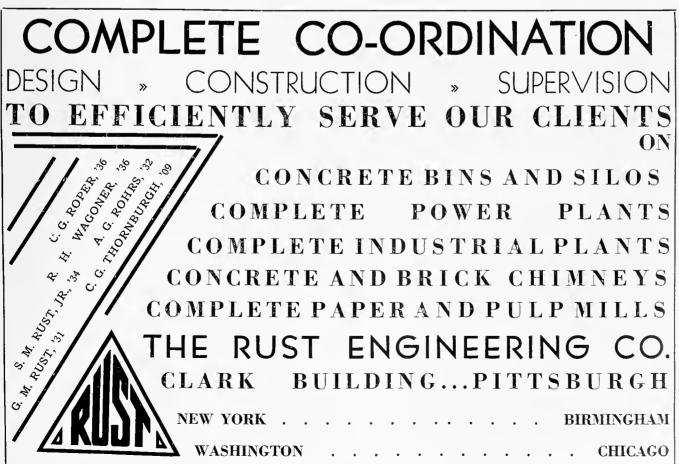
Lehigh loses an alumnus who may well be cited as the ideal type she so justly deserves; a man actively interested in Lehigh and her future; a man really doing things for Lehigh.

We, the members of twenty-two, are deprived of a staunch and true friend.

Class of 1925

A. L. Bayles, Correspondent Bayles, Softye & Co., 60 Wall St. New York City

It was my good fortune to be sent to Europe on business during July and part of August. The trip included



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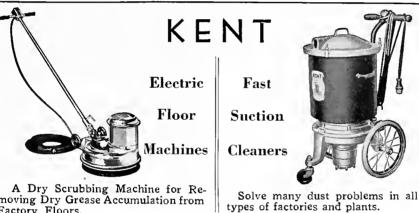
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147 INDUSTRIAL PRESIDENTS READ THE ALUMNI BULLETIN IN THEIR HOMES

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Paris, The Hague, Duisberg in the Rhineland, London and Edinburgh. Three of our classmates were in some way connected with the trip, George Koegler, of Kellog-Emery & Innes-Brown, 120 Broadway, New York City and his good wife accompanied us. George is counsel for the company in whose behalf we made the trip. We accomplished our mission, and had us a jolly time, but George has regretted his inability to do proper justice to the various table delicacies we encountered. Rumor has it that on a set of London scales he balanced 16 stone, 224 lbs. American. He returned on the Manhattan, sailing July 30.

While in London it was my good fortune to see Mike Callow and have him to tea, just prior to sailing. He was in fine spirits and was about to leave on a holiday in Scotland. Mike is still associated with his father in the General Engineering Co, which firm specializes in ore dressing problems. Mike is married to a charming young lady from Scotland (opinion of others, not Mike)

and lives in Surrey.

Dunc Cheel and his good wife stayed at our home in Setauket, during our absence, and did an excellent job of keeping the children well and out of mischief, as well as making lots of friends in our community. Dunc is with Liberty Mutual Insurance Co., 10 E. 40th St., New York City. He has recently taken a house in Cheelcroft, Hohokus, N. J.

Rodge Neely is with A. H. Balliet Corp., 433 N. Franklin St., Allentown,

Watt Tyler is living at 521 Irving Ave., Glendale, Calif. What are you doing. Watt?

Morry Smith is still doing business at the same stand, with J. R. Johnson & Co., 2400 Maury St., Richmond, Va. His address is 1622 W. Grace St., Rich-

George Paxton has left the Pennsylvania Co. and is experimental engineer for the Wilcox-Rich Corp., French Rd., Detroit, Mich. His address is 264 Woodland W., Ferndale, Mich.

Art Stover is living at Cragmere, Edgemoor, Del., and is in the organic chemicals department of E. 1. duPont Co., Carnev's Point, N. J.

Clark Trumbore is rector of Trinity Church in Carbondale, Pa. His address is 62 River St., Carbondale.

Lee Fister is in the electrical department of the Bethlehem Steel Corp., Bethlehem, Pa.

Bob Norton receives his mail at 1 Euclid Ave., Summit, N. J. Let's hear from you, Bob.

Bob Dalgleish is a salesman with the Westinghouse Elec. & Mfg. Co., 30th and Walnut Sts., Philadelphia. His home address is 542 Sussex Rd., Wynnewood, Pa.

Gene Moran has gone in for the raising of St. Bernards in a big way at his home in Brightwaters, L. I.

Class of 1927

H. O. Nutting, Jr., Correspondent, 14 E. Walnut St., Lebanon, Pa.

With the start of another year comes the adding on to our active membership list of quite a few additional names, this however is due to the enthusiasm worked up by our past tenth reunion.

Ed Kost, who is with the Met. Dept. of Bethlehem Steel in Bethlehem has turned out a good job this summer in reporting news and addresses of fellows that haven't been heard from in ages. More of us should do that very same thing.

This summer your correspondent spent two weeks at Camp Meade and for those past advanced M. S. & T. students this will be news: Dead Man's Hill was captured again. Dick DeGray and myself shared the same tent and spent hours discussing Lehigh. Dick has kept in touch with the campus for years because he was on the faculty up until recently, when he went with Socony Vacuum Co., in Brooklyn. He's in the research department, doing splendid work, too.

It is hoped that a confidential list will soon be forwarded to me stating who will receive the BULLETIN this year, that will serve as more or less of a guide in making up some tall stories about our classmates. What are the odds that they won't see the column. It may make interesting reading. For example: lost, one Bill Littell. Last seen in Staunton, Va., around the grounds of the Military Academy. Unfounded rumors have it the old sea dog hit out for wars in China. Now frankly, I've just made the latter part up so you see the axe I hold over your head when you don't write in. Does anyone know Bill's present address?

Shimmy Harmon no doubt is married (confirmation needed). He's with Coy Hunt and Co. as a salesman, living in Bloomfield, N. J. A-feeler-of-bumps-on-the-head that travelled around the campus once told Shimmy he was a mathematician but should be a salesman, so he hit the bump on the head that time.

Geo. Furnival's name was reported as vice president of the J. Jacob Shannon and Co. in Philadelphia. George is living at 402 Berkley Rd., Haverford.

Geo. Doty is a broker with the Chicago Board of Trade, his residence is The Little Farm, Barrington, Ill.

Dr. Bob Fear received his D.D.S. from Georgetown University Dental School in 1930; he's practicing at 5 Pangborn Pl., in Hackensack, N. J.

Captain Honest Bill Cooper is on C.C.C. duty for his country but still maintains his residence at 447 Brighton St., Bethlehem.

Gene Bentz is in the Saucon Plant, Open Hearth No. 2, living at 414 W. North St., Bethlehem.

Ken Houseman is foreman of the Motor Dept. of General Electric Co., at the River Works in West Lynn, Mass., residing at 592 Humphrey St., Swampscott.

Class of 1931

A.W.Thornton, Jr., Correspondent, 1405 Union Ave., McKeesport, Pa. Summer activities of a few of the boys in Pittsburgh:

George Rust was transferred to the Birmingham office of the Rust Engineering Co.

John Anderson was made chief inspector of the Duquesne Works of the Carnegie-Illinois Steel Co.

Yours truly was married to Miss Jane Breitwieser on May 8 in Pittsburgh.

J. Henry Holzshu has moved from Pittsburgh to Cumberland, Md., where he is working for the J. H. Holzshu Co.

Sammy Fuller became a father of a candidate for the class of 1959.

I spent a few hours with Watso Cushman in Bennington, Vt. and found him to be the happy father of a daughter, Barbara, born on May 6. Watso is the assistant manager of the Cushman Manufacturing Co. North Bennington, Vt.

Ned Twiggar, according to Henry Holzshu, became the father of a daughter, Sarah Lark, on May 3. Ned is still located in Gallipolis, Ohio, with Dravo. Henry also reports that Mort Lamb has been keeping a secret his marriage to Miss Jeannette MacDonald of Mt. Carmel, Pa. on August 5, 1935; Sam Hall's address is 523 Winsor St., Bound Brook, N. J. where he is working for the Calco Chemical Co., Inc.; Bob Harris and family are living at 147 Halstead St., East Orange, N. J.; Charlie Burt is working out of the Boston office of Trumbull Electric Mfg. Co.-1002 Statler Bldg.; Bob Krone was married to Miss Beatrice Ross of Hackensack, N. J. on June 11; Deane Allison, according to all reports from St. Louis, joined the married throng late last year.

Rev. Revere Beasley has moved from Belvidere, N. J. to Bayonne, N. J. where he is the Rector of the Calvary Episcopal Church. He is living at 954 Avenue C.

Bob Braun is Departmental head of research work for Jacques Wolf and Co., Passaic, N. J. His residence is 101 Lincoln Ave., Clifton, N. J.

Carl Claus is assistant superintendent of the Bayonne Plant of the Babcock and Wilcox Co. Carl is living at 873 Avenue C, Bayonne, N. J.

Phil Davis is still using his training in mining on a metallurgical job with Lebanon Steel Foundry.

Henry Faust is manager of the Lehigh Optical Co., 728 Hamilton St., Allentown, Pa. His residence is 802 Chew Street, Allentown.

Clyde Harding is a student at Columbia. His home is 10 Laurel Ave., Pen Argyl, Pa.

Henry Jaggard has moved from West Orange to 14 Overhill Rd., Verona, N. J.

Ogden Kantner is residing at 339 Maple Ave., Trenton, N. J.

Jerome Mayer is practicing law in New York City at 51 Chambers St.



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G. L. Ball, Jr., '30 K. A. Earhart, '31

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T. K. Garihan, '36

B. Rabin, *32

S. R. Goodrich, '35 C, M. Jackson, '33 T. F. Reider, '37 A. E. Rheineck, '31

H. S. Krauter, '37

W. C. Riedell, '37

J. S. Long, '13

G. A. Voehl, '36

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Bill McGarrity is temporarily located in Gary, Ind. with the Carnegie-Illinois Steel Co. His residence is Beverly Apartments, Eighth and Madison Ave.

George Meharg is practicing medicine in Hamburg, Pa.

Walter Wachholtz is plant superintendent of the McCloskey Varnish Co. in Chicago. His address is 620 S. Thomas St., Forest Park, Ill.

Louis Wanner is living at 22 Leeds St., Worcester, Mass.

Ted Wolfe is material man and engineer for the Pennsylvania Power and Light Construction Dept. His address is Elmhurst, Pa.

Dalt Wood is still with the Marine Construction Co. of Wilmington, Del. His address is 2300 Munroe St., Wilmington.

In closing I would like to make a request for news of or from Harry Andrews, Charlie Bishop, Bill Brady, Blackie Camden, Steve Condit, Ernie Cresswell, Ben Davis, Charlie Dorworth, Chick Eldred, Andy Evans, Johnny Folwell, Bill Furman, Walt Galvin, Dan Geary, Johny Hamp, Jim Hewitt, Dan Johnson, Percy Lehr, Jack McCarthy, Hal Roberts, Fred Stewart, Bill Wagner, and Fred Zabriskie.

Class of 1933 Burt Riviere, Correspondent 902 Chamber of Commerce Bldg. Pittsburgh, Pa.

Well, boys, here we go on what we might call "Volumn V" of the notes of the Class of 1933. In other words, let's just stop to think that this will be our fifth year from that good ole' campus in the Valley. And in these past four years many of us have gotten to different sections of the earth; many of us tackling the same types of jobs and others in vastly different positions. But, alas, we shall once again be together in the month of June of 1938. Let's all start planning for that REUNION that WILL be a reunion such as has never been seen on that Lehigh campus. All set!

A lot has taken place this summer but let's first turn our attention to the romances that have culminated in marriage. Only to-day did your correspondent learn that "Chick" Halsted has taken, on September the 4th, Miss Frances Henderson as his bride.

Have you all heard that "Pres" Fritz Keck married charming Henrietta Law in June and that they are now living at 200 South Homewood Avenue in Pittsburgh?

At a very beautiful wedding in July "Pete" Peck of West Virginia hill-billy fame, married lovely Ann Matthews. Right now the newly-weds are living in Pittsburgh where Pete wrestles with the cables of the Anaconda Wire and Cable Co. with headquarters in the Oliver Building.

The most recent wedding was that of Bill Cooper to vivacious Martha Smith. In the cool September breezes at a splendid garden wedding Bill said "I do" and from now on he will report to Martha at 248 Grant St. in Sewickley, Pa. after his legal duties of the day are completed.

While Johnny Aufhammer was in Pittsburgh not so long ago we learned that Fran and he are to move to Baltimore where Johnny will tackle the sales problems of the Bethlehem Steel Co. Go to it, fella,

And from Albany comes the news that Frank Kolyer is the branch manager of the Singer Sewing Machine Co. and lives at 11 S. Lake Ave. in that city.

Pittsburgh lost a good salesman when Warren Johnson left to go to Erie, Pa. to be manager of sales for the fast growing Pioneer Sales Co. Yes, sir, he lives at 3105 Hazel St., in Erie.

At just about the same time Harlow Culbertson put aside the overalls of the shop and became vice-president and treasurer of the John Flocker & Co., which, I am told, is Pittsburgh's oldest continued firm in existence. Buy all your heavy cable rope from them!

By the way, why not sit down now and send a check-big or little-to Billy Cornelius for the class dues and a gift to the Alumni fund for that splendid Chemistry Building.

Don't forget that postcard with a bit of news about yourself for this column. Adios until the next issue. Class of 1935

L. P. Struble, Correspondent 530 Academy Ave., Sewickley, Pa.

The summer months certainly passed by in a hurry and here I am back at the job of trying to keep the rest of you posted on the behavior of our fellow classmates.

I must admit at the start that my knowledge of the whereabouts and whyabouts of the '35ers is rather meager. A few wedding announcements and a birth announcement came through this summer, and aside from that the news is rather slim.

It's a boy at the Curtis Bayer's house. Nine and a half pounds and showed up on June 5.

The above announcement brings up the matter of the baby cup. Now we must find Bill Gummere and review the book of rules. Unless I am mistaken, the cup goes to the first boy bern to a couple married after Commencement. According to that and my recollection, Daniel King Bayer has all claim on the cup. If there are any other claimants for this award, let them speak up. I suppose it is in order that the cup be awarded at the time of our fifth reunion.

Saturday, June 19, will go down in the annals of history as a great day. For then two stalwart young York Air Conditioners took unto themselves a wife each. In East Orange, N. J., Miss Ruth Harriet Housel married our own Frank Carkhuff Hawk, Jr. In the city of York, Pa., Miss Evelyn

Vera Grace married Charles Herman Neiman, Jr.

It has been called to my attention that I failed to put in print the marriage of W. Emory Mollenauer and Arlene Earick of Bethlehem on December 27, 1935. I'm afraid this notice is a bit behind the times, but my apologies to the Mollenauers and a promise to do better from now on.

I believe I have another scoop here in announcing the marriage of Gladys Collingwood Banta to Howard Wilson Seeley, Jr. The Seeley's have heard Horace Greeley and are last reported at 2030 N. 11th St., Terre Haute, Ind.

The following is a short history of Bill Twitchell, from graduation to February, 1937. Following graduation he spent three months inspecting camps for the N. J. State Health Dept.. and then worked for a Real Estate Office in Trenton. Just about a year ago he began to work for the Simons Co. in Elizabeth, N. J., and in February started work in the Personnel Dept. He has been continuing his study at Columbia under Ordway Tead. Let's hear from you, Bill.

Well, it looks like I got a fairly sizeable column after all. Now the thing for you to do is to get out your fountain pens, one check, one piece of writing paper and two envelopes. You could send the check to me, but I'm afraid the Alumni Office might complain. However, I'll be more than satisfied to get the letter from you.

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Back OF IT All

Twenty-four years ago at this time, the first issue of the Alumni Bulletin went to press under the guiding hand of Raymond W. Walters, now president of the University of Cincinnati. Thomas Eynon, Schuyler Knox and P. A. Lambert constituted the publication committee.

Jim Myers had just died, Dr. Drinker was in the middle of his administration and progress was being marked on the "new athletic field."

"Rick" Brown who will write the sports for the Bulletin during this college year is a senior studying journalism and economics. After spending his freshman year at Lehigh, Brown transferred to Akron (O.) University



where he became sports editor of the prize winning *Buchtelite*, undergraduate newspaper. Again at Lehigh for his final year, he will serve on the *Brown and White* sports staff as well as act as correspondent for the Bulletin

Today we observe the passing of that great administrator, Dr. Drinker, with the article "A Lehigh Chapter Closes," which can do little more, in its limited space, than trace a part of the life which was so devoted to Lehigh.

* * *

* * *

The publication of "Death Over Shanghai" by Dr. Theis is one of those "breaks" that occasionally brighten the lives of editors by coming just at a time when public interest is centered on a world event—such as the Sino-Japanese war.

Dr. Theis not only gives a graphic description of the terror-stricken city but shows the prominence that is being given to the research work of the Lehigh department of chemistry. It was the reputation of his work in the chemistry of skin treatment which led to his appointment on the government commission.

* * *

Too late for details in this issue — determined as the last form goes to the press—is the decision of the Board of Trustees to start construction almost immediately on the first unit of the proposed dormitory system. The urgent demand for student housing (see "1736 Strong") has prompted the Trus-

tees action and for the first time brings to life the plans of Dr. Richards for a more extensive dormitory system for the University. (Bulletin, March, 1936).

Dr. Theis was one of the first Americans to return after the bombing of Shanghai and it is understood that a national magazine approached him for an article incorporating the experiences which he gives here.

* * *

While the announcement of "Fall Homecoming" gives only the facts of what is planned as a "big day," it is hoped that every alumnus will picture the event beyond the printed word. The campus in the fall, the excitement of the game and the chance to meet fellow alumni at a special buffet supper will make it the start of a new annual alumni event.

Unlike the June reunions, there won't be a bit of buiness to transact—it will be a day to come back for, a day of wholesale fun on the campus Nov. 20, and the only additional cost will be one dollar for the buffet upper.

* * *

As a result of a questionnaire conducted last year, it was determined that Bulletin readers are interested in research work being carried on at Lehigh. Thus the article "Rolling Drops" by Dr. Neville and Dr. Hazlehurst is the first of a series of such articles, planned for publication at irregular intervals throughout the year. The findings of the two Lehigh professors was presented during the Spring at a chemical conference and later published in technical form. Here for the first time is found the full report in non-technical terms.

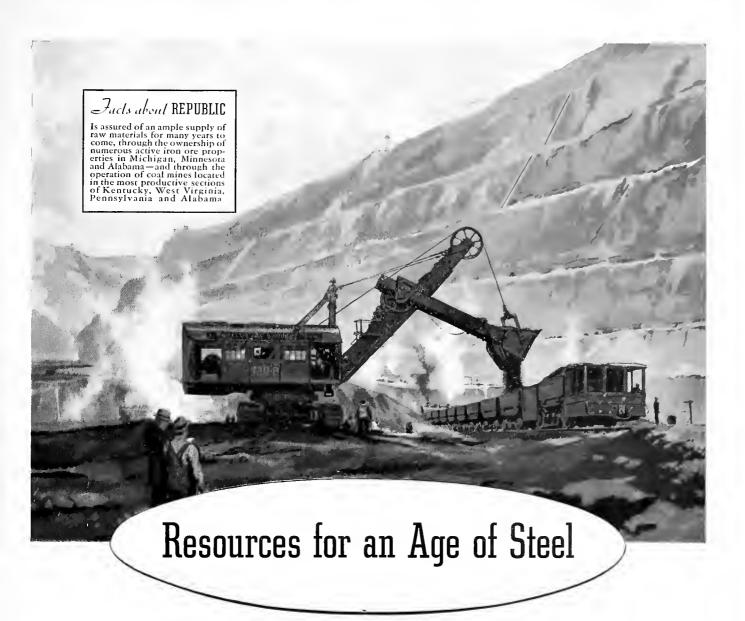
* * *

We wish here to welcome the Class of '13 as 100% subscribers to the Bulletin for this issue. The reunion committee of that class has underwritten this subscription in the hope that members of '13 will rally 'round and subscribe individually so that all reunion news will be in their hands with the publication of the class column by Earle Weaver each month in the Bulletin.



DIRECTORY OF LEHIGH ALUMNI CLUBS

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